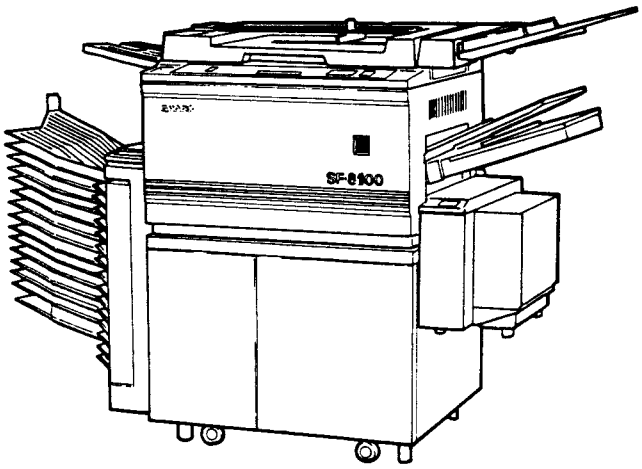
SHARP SERVICE MANUAL

CODE : 00ZSF8100SM-E



MODEL SF-8100

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SHARP CORPORATION

[1] BASIC SPECIFICATION

Type: Desktop

Copying system: Dry-type electrostatic plain paper copier.

Kinds of originals: Sheets, book, three dimensional objects.

Original size: 11" x 17" (A3) maximum.

Copy size: (cassette and manual feed)
11" x 17" (A3) to 8-1/2" x 5-1/2" (A5) universal.
(manual feed)
11" x 17" (A3) to 8-1/2" x 5-1/2" (A6). (432mm x 297mm ~ 139mm x 100mm)

Copy speed: (copier/minute)

(AB series)	Normal	Reduction	Enlargement
A4 (Portrait)	20	18	16
B5 (Portrait)	20	18	16
A4 (Landscape)	15	15	15
B5 (Landscape)	15	15	15
B4	13	13	13
A3	11	11	11
(Inch series)			
8-1/2" x 11" (Portrait)	20	18	16
8-1/2" x 11" (Landscape)	15	15	15
8-1/2" x 14"	13	13	13
11" x 17"	11	11	11
5-1/2" x 8-1/2" (Portrait)	20	18	16

First copy: 7 seconds (8-1/2" x 11" (A4) portrait).

Warm up time: 2 minutes (at rated voltage and room temperature of 68 to 77 degrees Fahrenheit, (20 to 25 degrees centigrade))

Multicopying: 1 to 99 copies, 10 key input, countdown type, with repeat, pause, and subtotal functions, and multicopy in the pause mode.

Magnification ratios: 1:0.64 to 1/1.42 (79 steps in 0.01 increments).
Preprogrammed steps:
(Inch series)
1:1.41, 1:1.29, 1:1.21,
1:0.95, 1:0.77, 1:0.64
(Metric series)
1:1.41, 1:1.22, 1:1.15,
1:0.86, 1:0.81, 1:0.70

Exposure system: Slit exposure with stationary platen and moving light source.
Automatic exposure system (area of original scanned).
Variable light source illumination.

Paper feed system:
1. Manual paper feed tray:
Single copy
11" x 17" (A3) to 8-1/2" x 5-1/2 (A6) 52g/m^2 to 128g/m^2 (14 lbs to 34 lbs) paper.
However paper exceeding 105 g/m^2 (28 lbs) is limited to 8-1/2" x 11" or 8-1/2" x 5-1/2" (A4 or A6)
2. Middle cassette:
A maximum of 250 sheets, 11" x 17" (A3) to 8-1/2" x 5-1/2" (A5) universal 56g/m^2 to 80g/m^2 (15lbs to 21lbs) paper
3. Lower cassette:
A maximum of 500 sheets, 8-1/2" x 11" (A4, B5) 56g/m^2 to 80g/m^2 (15lbs to 21lbs) paper

Developing system: Two component magnetic brush development.

Toner supply: Automatic toner control system.

Photoconductor: OPC Drum.

Cleaning system: Blade cleaning of the drum.

Paper separation system: AC discharge corona, discharge lamp, and two separator pawls.

Original alignment: Center aligned.

Paper transport system: Feed roller and suction belt.

Charge system: Negative DC corona.

Transfer system: Negative DC corona.

Discharge system: Discharge lamp

Light source: 250W Halogen lamp for 100V series or 275W for 200V series.

Power requirements: 110VAC, 60Hz/50Hz
120VAC, 60Hz
127VAC, 60Hz
200VAC, 50Hz
220VAC, 50/60Hz
240VAC, 50Hz

Power consumption: Max. 1.5kW During operation (110W during standby/ready and 80W during power save). Press power save button to reduce copier power consumption. The indicator flashes and all other indicators except for the copy quantity display turn off. To cancel the mode, press any key on the operation panel. Copying will be possible in about 30 seconds.

Fusing system: Heat roller type
Upper heater roller:
Teflon, (Heater lamp 800W)
Lower heater roller:
Silicon

Physical dimensions: 680mm (26-3/14") width x 588 mm (23-1/8") depth x 453mm (17-3/4") height

Weight: Approximately 70kg. (154 lbs)

Accessories:

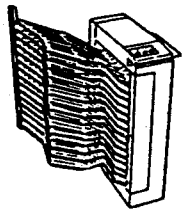
Cassettes:

Inch series (USA/Canada)
8-1/2" x 14" (250 sheet)
8-1/2" x 11" (500 sheet)
8-1/2" x 11R" (250 sheet)
Inch series (others)
Universal (250 sheet)
8-1/2" x 11R" (250 sheet)
8-1/2" x 11" (500 sheet)
AB series (SEEG./U. Kingdom)
A3 (250 sheet)
A4 (500 sheet)
A4R (250 sheet)
AB series (Others)
A4 (500 sheet)
A4R (250 sheet)
Universal (250 sheet)

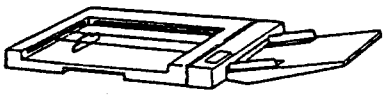
Standard: Corona cleaner, corona brush, recieving tray, original tray, manual paper feed tray, toner collecting container, instruction manual.
Developer filling funnel.
Cleaning rollers

Options

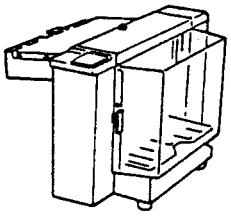
Sorter: 15 Bin (SF-432)



Automatic Document Feeder: (SF-463)

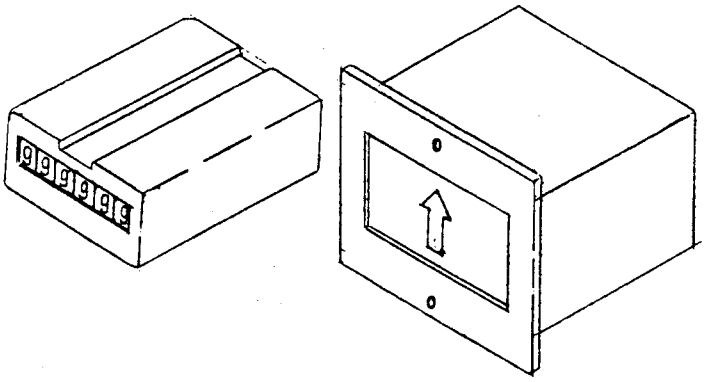


Large capacity tray: (SF-407)

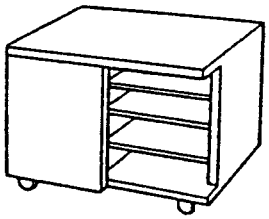


Cassettes: A3, B4, A4R, 11" x 17", 8-1/2" x 14", 8-1/2" x 11"R, universal (250 sheet) A4, 8-1/2" x 11" (500 sheet)

Personal Counter: Socket, SF-71B
Counter, SF-71A



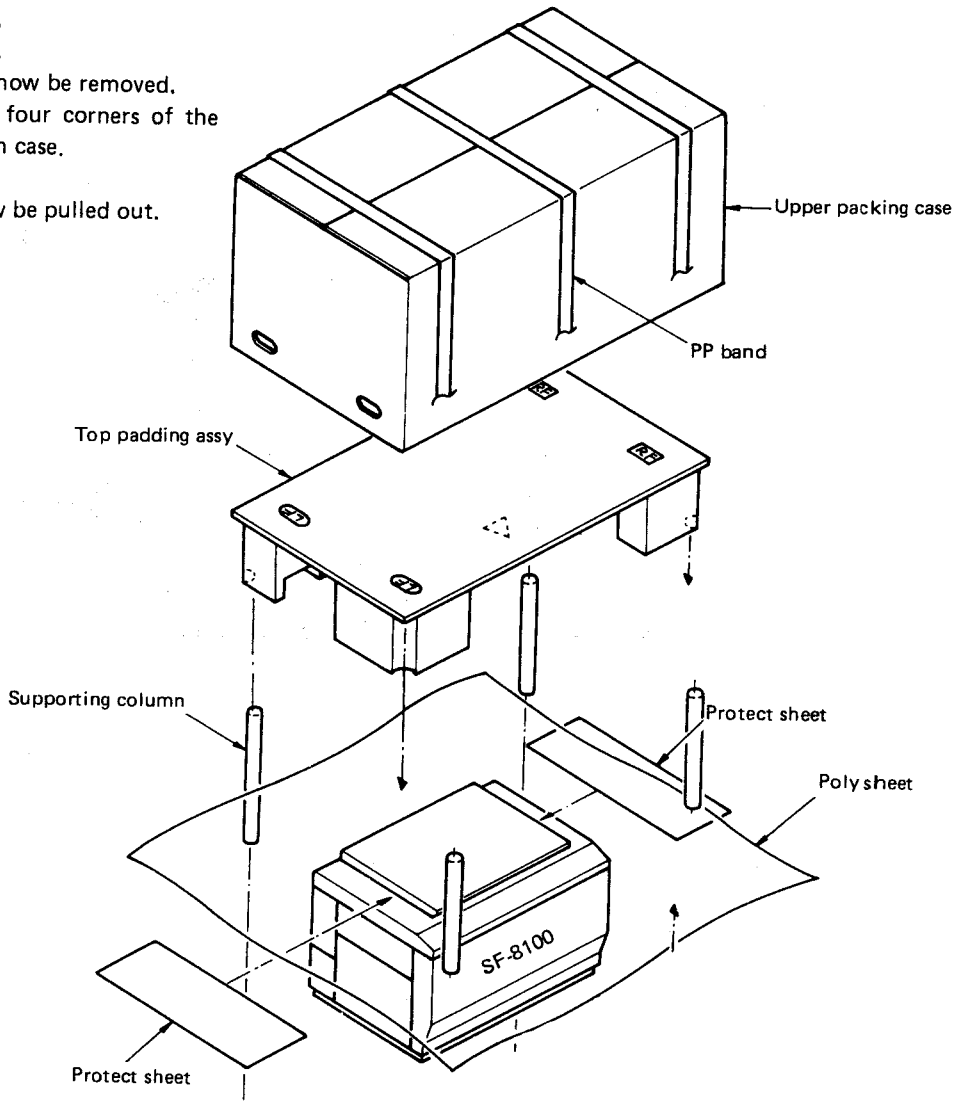
Cabinet: SF-80D

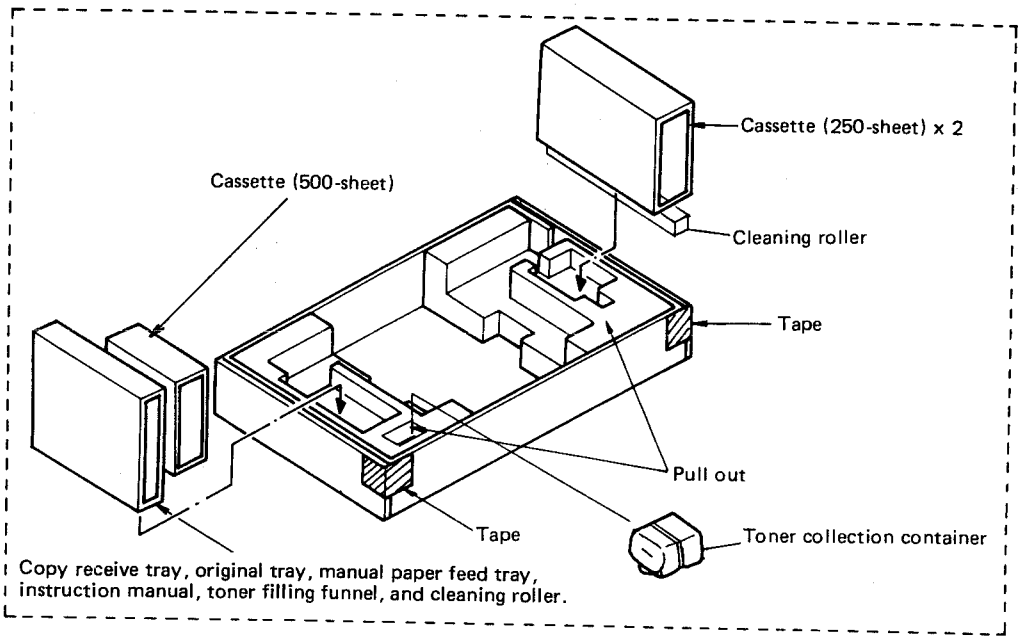


[2] UNPACKING AND INSTALLATION

1. UNPACKING

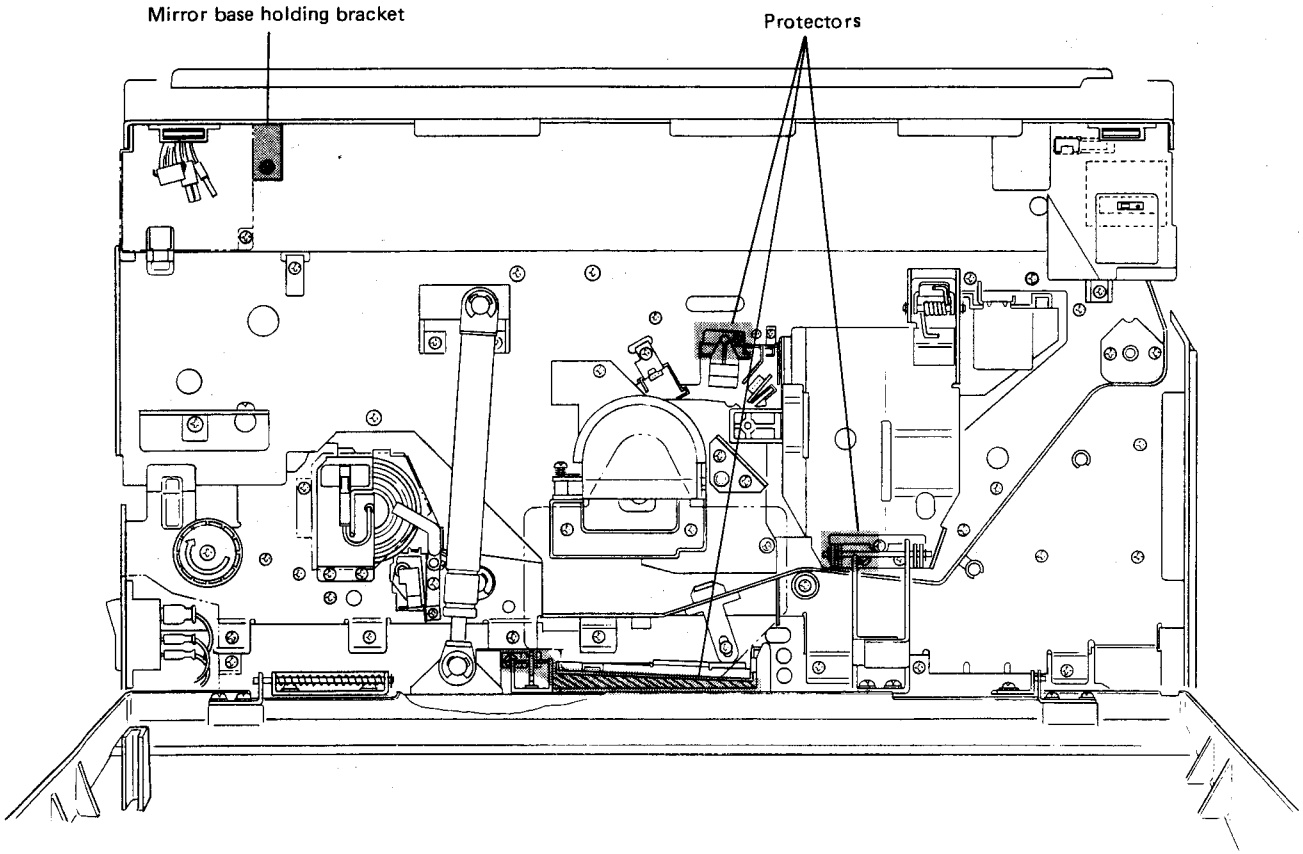
① Cut the PP bands.
② Remove the upper packing case.
③ Remove the top padding assembly.
④ Remove the four support columns.
The cassettes and accessories may now be removed.
⑤ Remove the tape that holds the four corners of the bottom case, then open the bottom case.
⑥ Remove the bottom padding.
The four carrying handles may now be pulled out.



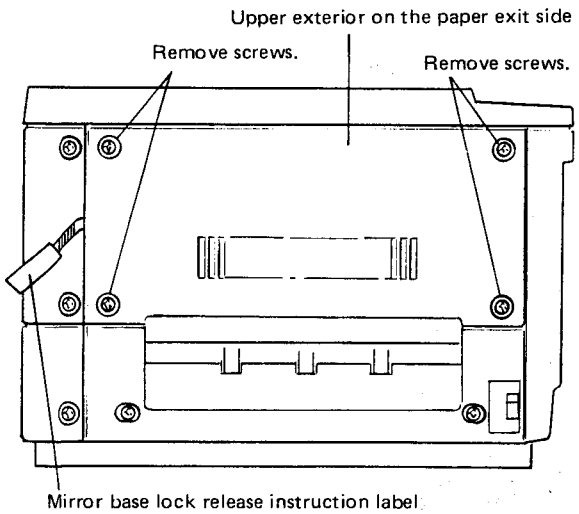

Cassette (250-sheet) x 2
Cassette (500-sheet)
Cleaning roller
Tape
Pull out
Tape
Toner collection container
Copy receive tray, original tray, manual paper feed tray, instruction manual, toner filling funnel, and cleaning roller.

2. REMOVING THE PROTECTION SHEETS.

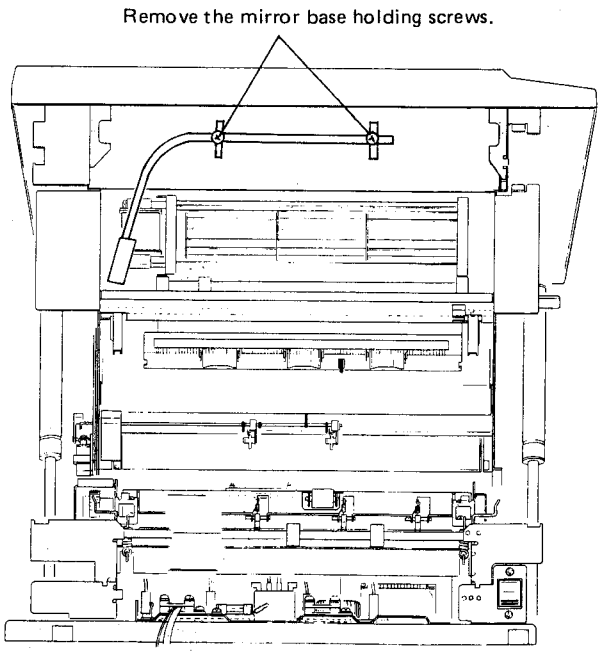
① Open the front panel and remove the protectors and the mirror base holding bracket.



② Open the copier (lift up on the upper half release lever) and remove the upper paper exit side exterior.



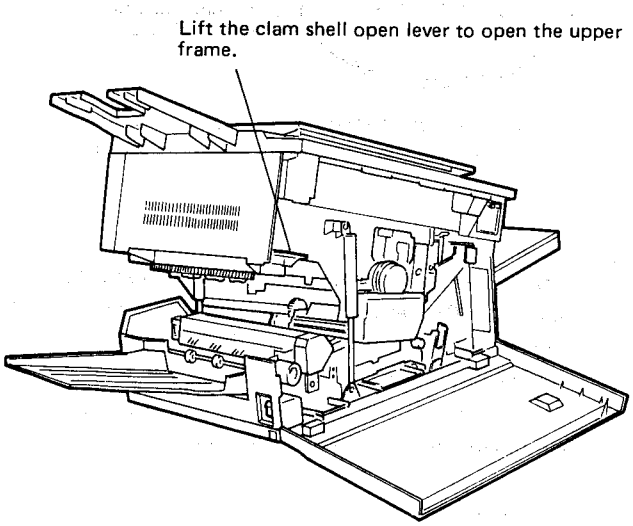
③ Remove the mirror base holding screws.

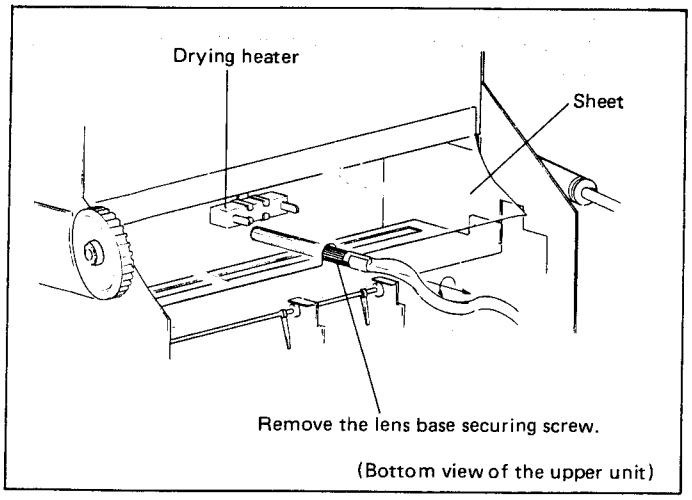


NOTE: Save the mirror base holding screws. If the copier must be moved after installation, slide mirror base all the way toward the paper exit side and secure it with the screws.

④ Replace the paper exit side exterior.

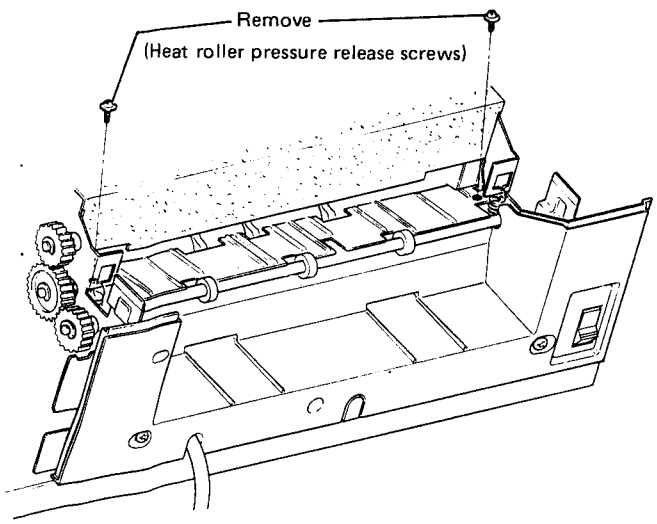
⑤ Lift the clam shell release lever to open the frame, and remove the lens base securing screw.





NOTE: Before moving the copier, set it in the 1:1.41 enlarge mode, turn the power off, and secure the lens with the lens securing screw.

⑥ Remove the heat roller pressure release screws. (Pressure is then applied to both heat rollers.)



3. INSTALLATION

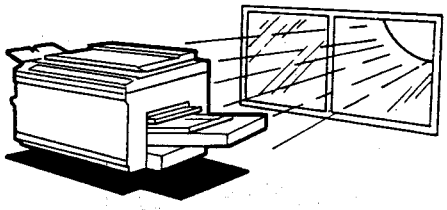
Installation requirements:

Please note the following requirements when installing the copier.

(1) Machine Environment

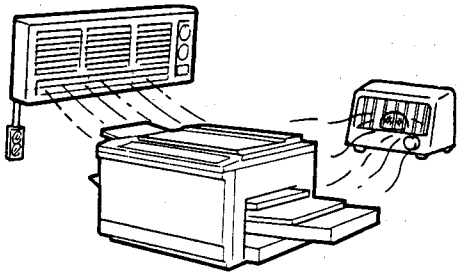
① Avoid installation in direct sunlight or bright locations near a window.

Direct sunlight may cause the plastic components and the original cover to deform. Frosted glass may also produce the same effect.

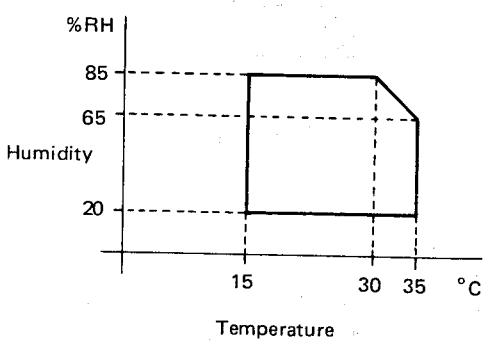


② Avoid installation in the hot, damp place or where rapid changes in humidity occur (for example; near an air conditioner).

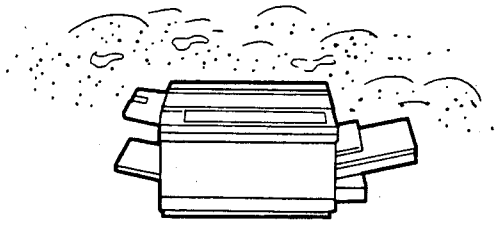
This may cause the paper to dampen or condensation to form inside the copier. This may lead to misfeeding and a deterioration in the copy quality.



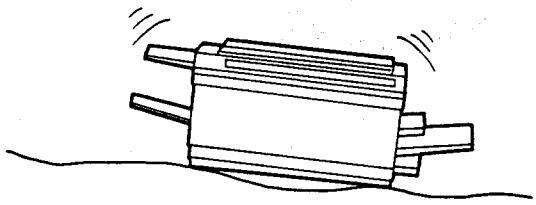
The recommended environmental conditions are:
20 to 25 degrees C (68 to 77 degrees F.), 65%±5%RH.
The minimum to maximum environment conditions are:
15 to 30 degrees C. (59 to 86 degrees F.), 20 to 85%RH.
If the copier is to be installed in an area of higher temperature, the humidity must be lower. Example; If the temperature is 35 degrees C. (95 degrees F), the humidity should be 65%.



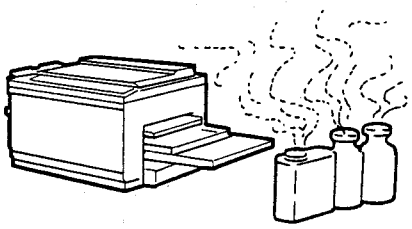
③ Avoid installation in a place where dust or vibration is encountered.
Dust deposits inside the copier may lead to a deterioration of copy quality or machine trouble.



④ Do not install the copier on an unstable or uneven surface. The copier must be placed on a level surface to permit proper operation.



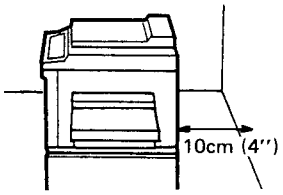
⑤ Avoid installation in a place where the ventilation or air circulation is poor.
⑥ Never install the copier near inflammable materials or in the presence of ammonia fumes.
Installation near a diazo copy machine (blue print) may lead to a deterioration of copy quality or a machine malfunction.



⑦ Install the copier near a wall outlet.

(2) Space around the copier

The copier requires at leat 10cm (4") of clearance between the rear side and the wall. This space is required for proper cooling fan ventilation. Adequate working space around the machine should also be allowed for ease of operation and service.

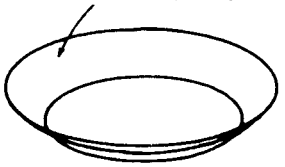


(3) Copier table

Install the machine on a level surface. Place a water level in the center of the original glass and check the level front to rear and side to side. Use as many adjusting shims as required until the copier is level.

NOTE: The parts code of the water level is UKOGM0054-CCZZ.

Thickness of an adjusting shim is 1 mm.



NOTE: The toner density and copy quality may be affected unless the machine is installed in a level condition.

(4) Power source

① The power supply line must have a capacity of 15 Amps (100V series), 8 Amps (200V series) or more, capable of supplying more than 90% of the rated voltage at full load.
② Do not use an extension cord, or operate any other equipment from the same wall outlet.

(5) Ground connection

① Use a properly grounded (three prong) wall outlet that meets all national and local electrical code specifications.

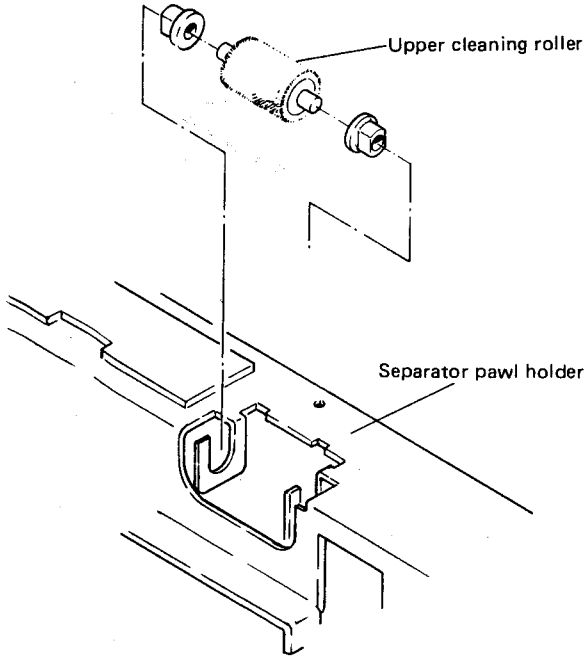
4. INSTALLATION OF FUSER CLEANER ROLLERS

(1) Upper cleaner roller (small roller)

① Remove the fuser cover

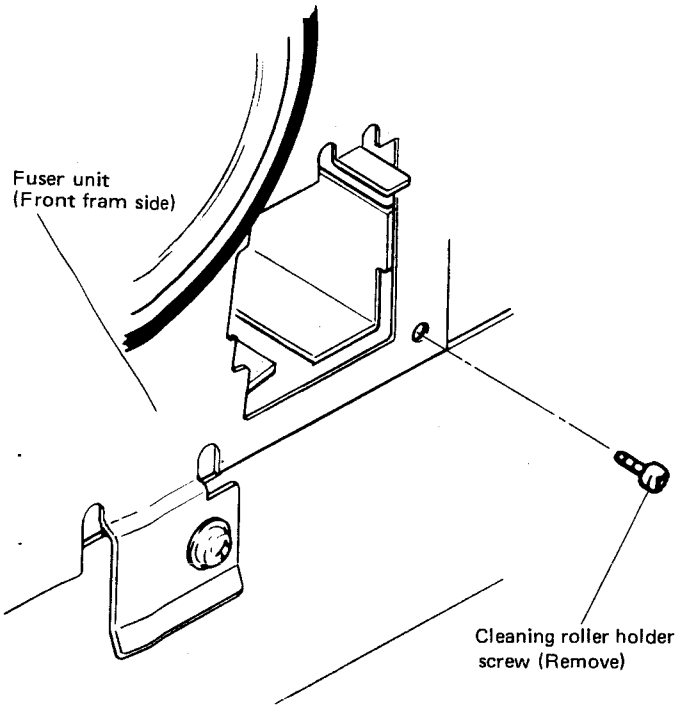
② Install the upper cleaning roller.

NOTE: When the upper cleaning roller has been properly installed, rotating the fuser rollers will cause the cleaner roller to rotate.

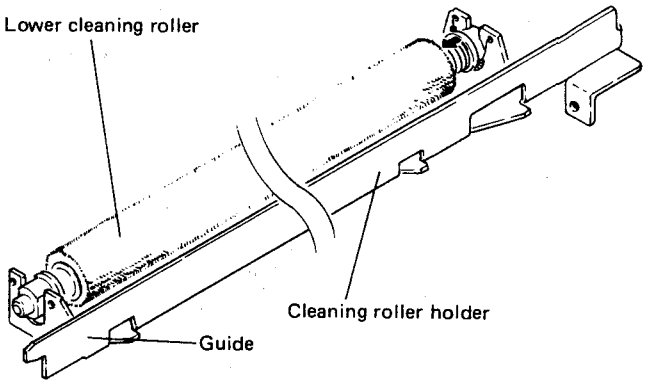


(2) Lower cleaner roller (large roller)

① Remove the lower cleaning roller holder screw from the fuser unit (front frame side)

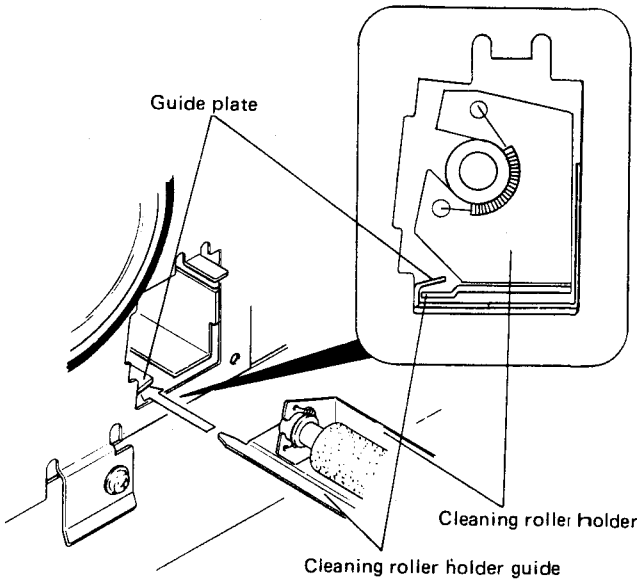


② Insert the cleaning roller holder to the fuser unit.



NOTE: Make sure the bearings are inserted properly into the holder unit.

When installing the holder unit, ensure that the holder guide is beneath the guide plate.



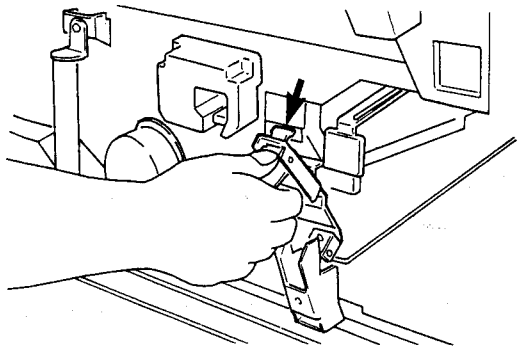
5. INSTALLING THE DRUM AND DEVELOPER

(1) Removing the developer unit.

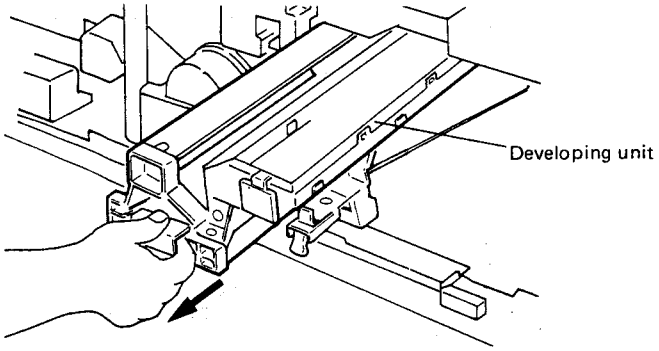
① Open the font cover.

② Open the developer access door.

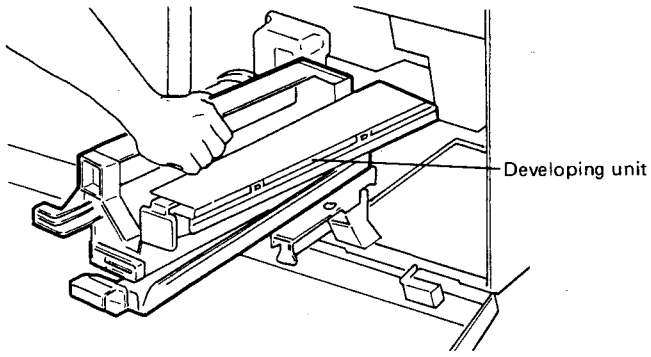
Pull the developing unit cover handle in the direction of the arrow to open the cover.



Hold the developing unit guide rail and pull the developing unit out in the direction of the arrow.



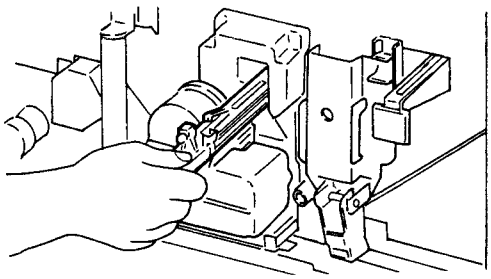
③ Grasp the developer unit handle and slide the developer unit out of the copier. Lift up the developer unit, and remove. Push the empty slide back in and close the developer access door.



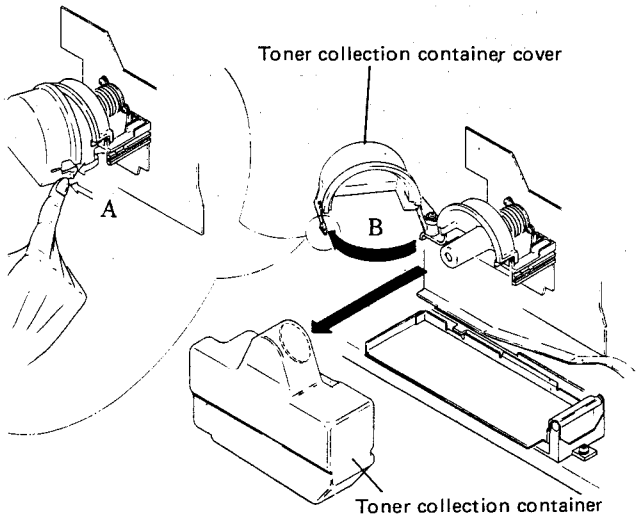
(2) Removing the drum unit.

① Slide the main corona unit out of its channel.

Pull the main corona unit handle to remove the unit.

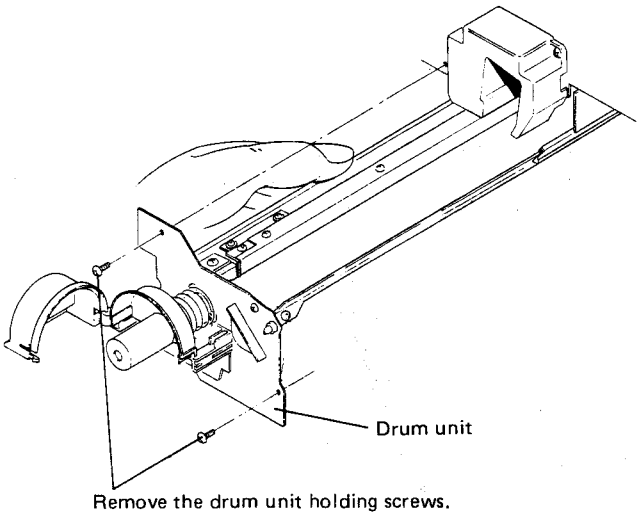


② Press the toner collection container cover in the direction of arrow A, open it in the direction of arrow B, then remove the container.



③ Lift up on the clam shell lever to open the upper half of the copier.

④ Remove the two screws that secure the drum unit, and pull the unit out. Grasp the left side of the assembly as it comes out to support the unit.



Remove the drum unit holding screws.

(3) Installing the drum and cleaner blade

NOTE: The cleaner blade must be replaced every 40,000 copies.

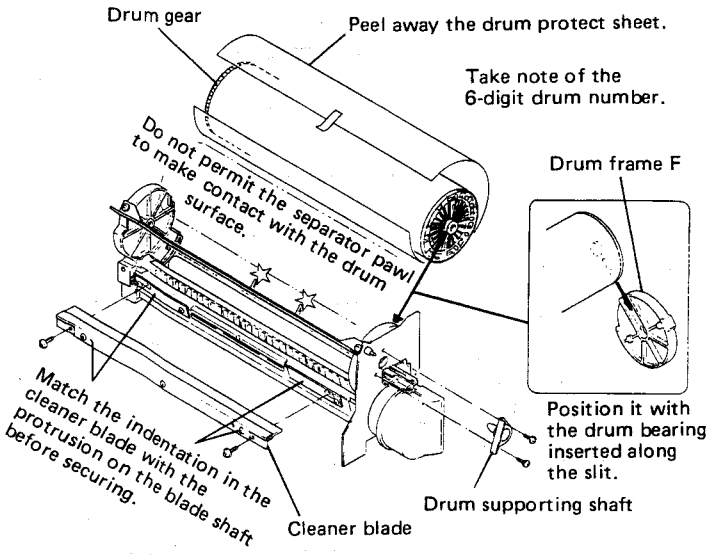
① Install the cleaner blade in the drum unit.

② Take note of the drum number on the front frame end of the drum.

③ Remove the two screws from the drum shaft support plate, and remove the drum shaft.

④ Peel away the drum protection sheet from the drum surface and mount the drum in the drum unit.

CAUTION: Do not touch the drum surface.


Drum gear
Peel away the drum protect sheet.
Take note of the 6-digit drum number.
Drum frame F
Do not permit the separator pawl to make contact with the drum surface.
Match the indentation in the cleaner blade with the protrusion on the blade shaft before securing.
Position it with the drum bearing inserted along the slit.
Drum supporting shaft
Cleaner blade

NOTE: The white powder found on the cleaning blade and the drum surface is used to reduce friction between these two parts. Do not remove the white powder.

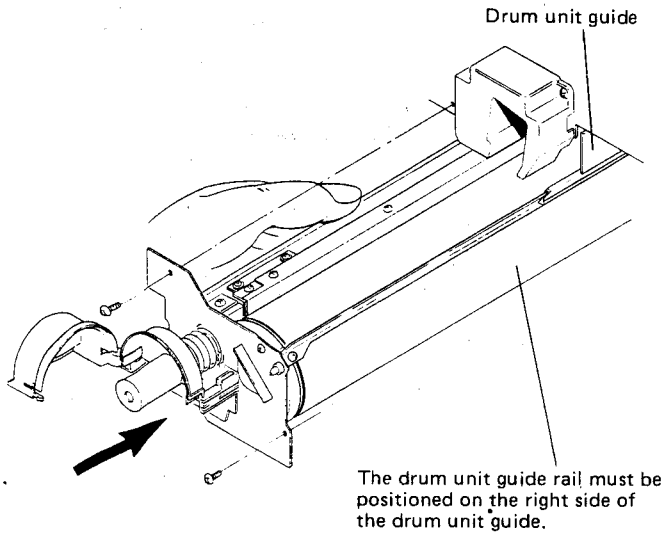
CAUTION: Do not scratch the surface of the drum and blade.

⑤ Insert the drum shaft in the drum unit.

⑥ Grasp the drum gear and slowly rotate the drum manually clockwise (Forward).

CAUTION: Do not touch the drum surface with your hand.

⑦ Replace the drum unit in the copier.

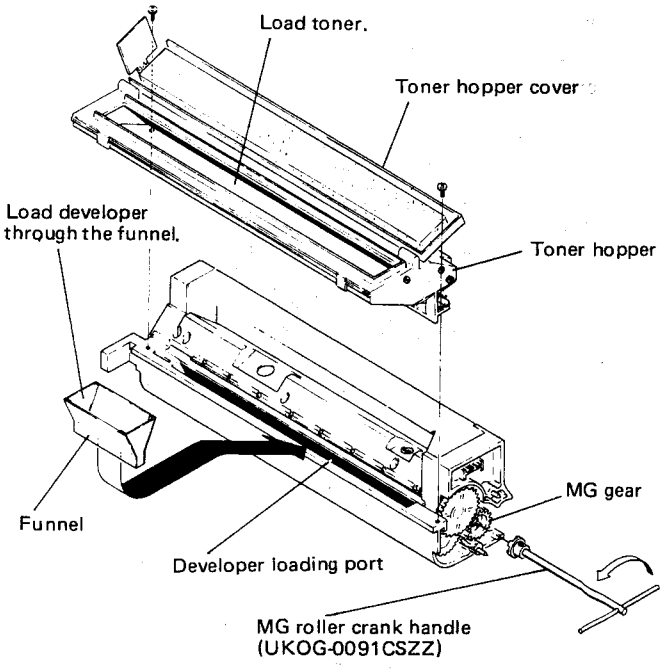


⑧ Close the upper half of the copier.

(4) Installing the developer and toner

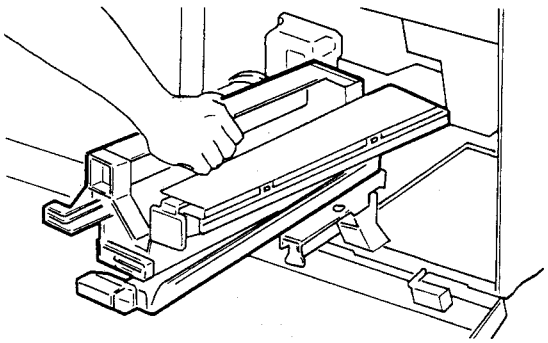
① Remove the toner hopper from the developer unit.

② Place the funnel over the developer unit loading port. Pour an entire bottle of developer into the developer unit while rotating the MG gear counterclockwise, Use the MG crank handle UKOG-0091CSZZ.



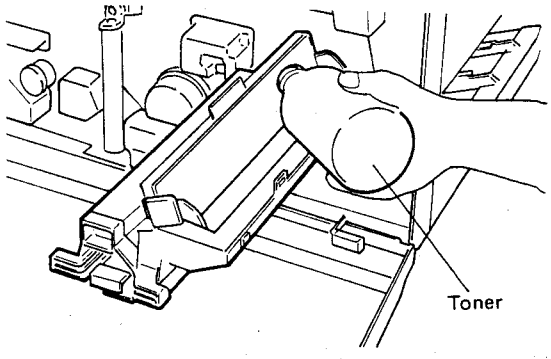
③ Install the toner hopper back on the developer unit.

④ Install the developer unit on the developer unit guide rail.

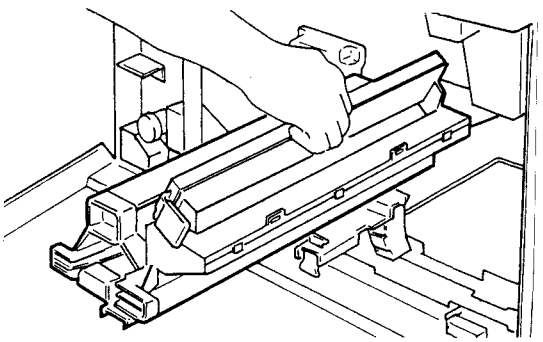


⑤ Open the toner hopper cover and evenly load one bottle of toner.

NOTE: Never use toner taken from the collection container.

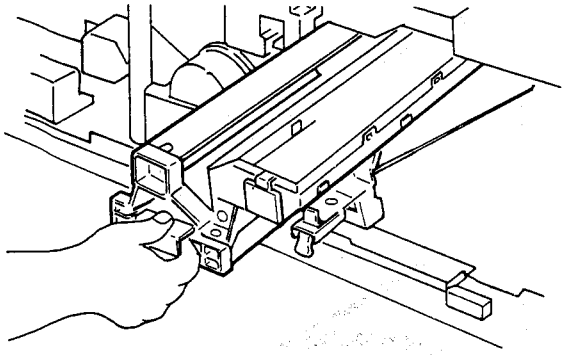


⑥ Close the toner hopper cover.

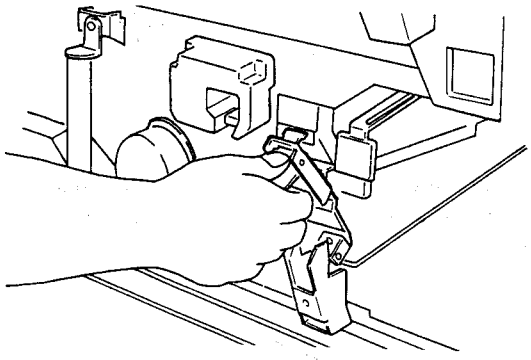


(5) Installing the developing unit in the machine.

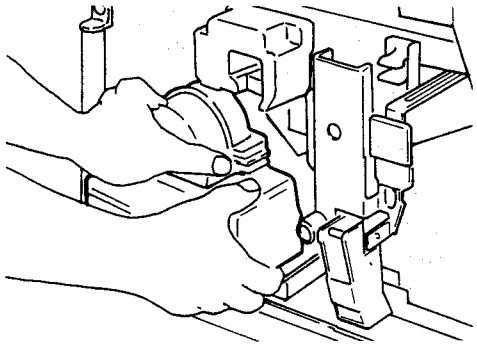
① Hold the developing unit guide rail and push in the developer unit.



② Close the developer unit cover.



③ Install the toner collection container.

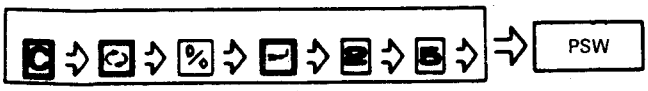


(6) DV sensor level adjustment

① Open front door with door switch deactuated turn power on.

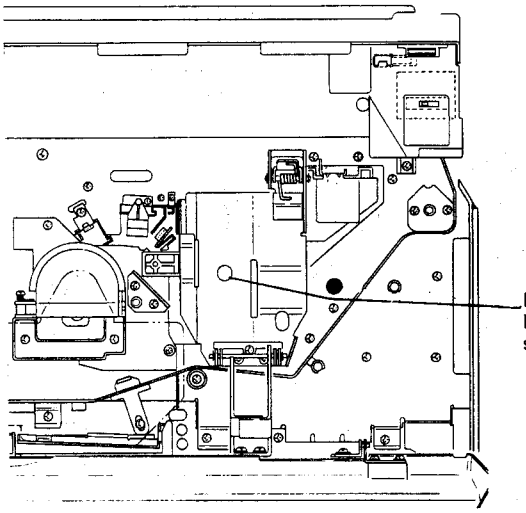
② Enter the test command 25.

Test command execution procedare



③ Manually actuate the door switch, test command 25 will be executed for a period of one minute to stir the developer.

④ After stirring the developer for one minute, perform test command 25 once more. Turn the DV sensor level adjusting screw clockwise until the toner empty lamp (TEL) activates.

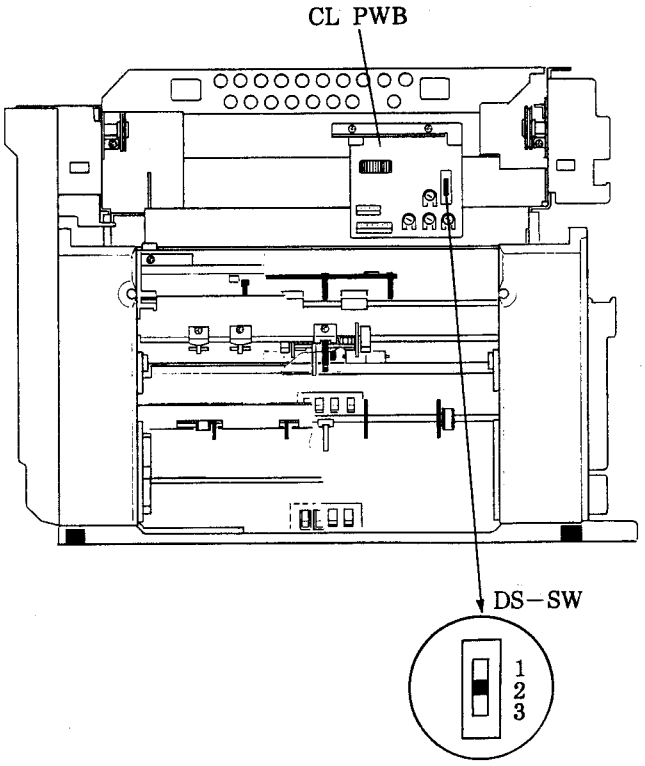


⑤ Slowly turn the DV sensor level adjusting screw counterclockwise and stop when the TEL goes out.

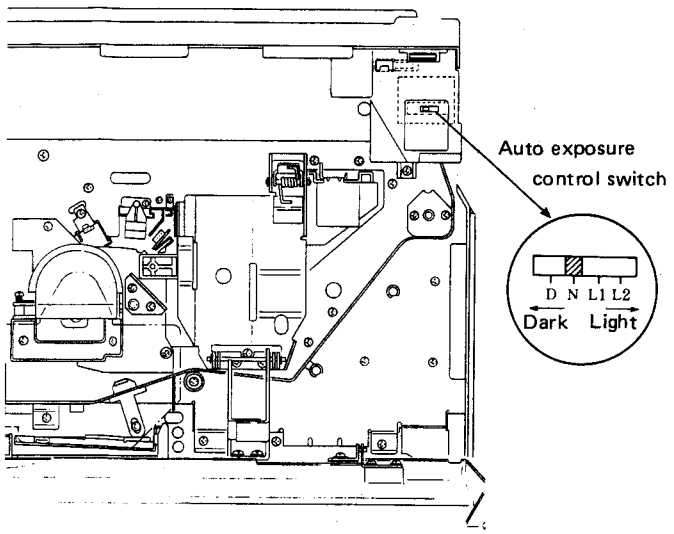
6. Drum sensitivity and auto exposure control switch setting

① Remove the right side upper exterior cover located above the manual feed tray.

② Set the DSSW switch to the first digit of the drum number noted in step (3) of section ②.
Example:
If the drum number is 2D 1994, set the DSSW to "2".



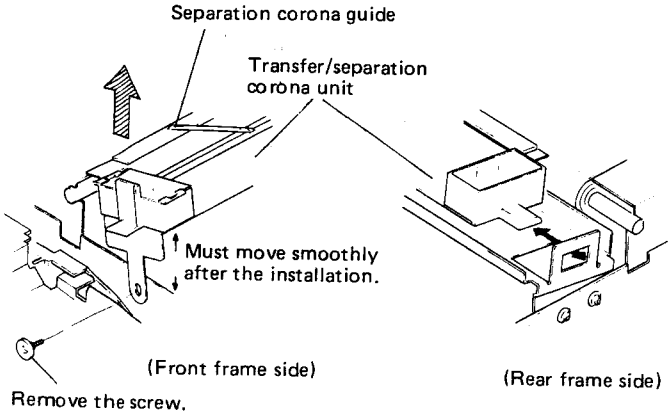
③ Set the auto exposure control switch, located on the upper right hand corner of the front frame to the "N" (Normal) position.



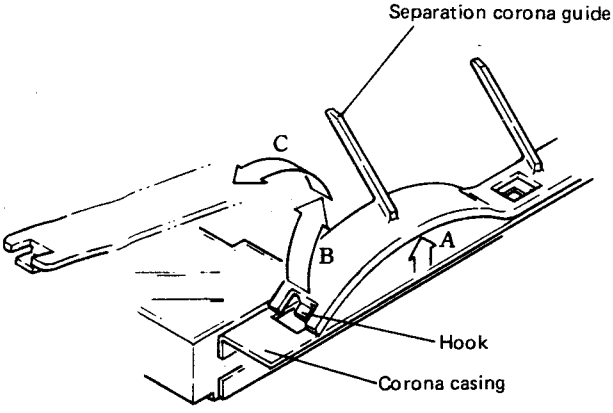
NOTE: Copy density may vary depending on the DSSW and auto exposure control switch setting.

7. Clean the corona wires

① Clean the main corona wire using the corona wire cleaner and install it in the copier.
② Lift up on the clam shell lever and open the upper half.
③ Remove the transfer/separation corona unit from the copier by removing the screw and lifting up on the corona unit.



④ Remove the separation corona guide.
Lift up the rear frame side of the separation corona guide in direction A, slide it in direction B, remove the corona guide hook from the corona casing, and pull it out in direction C.



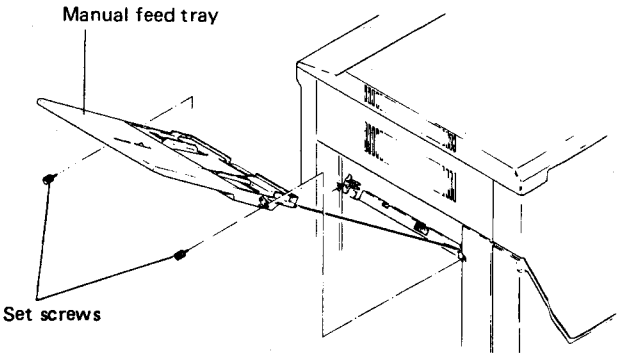
⑤ Clean the transfer/separation corona wires with the corona cleaner and replace it in the copier.
The corona guide must be removed before cleaning the separation corona wire.

NOTE: After securing the transfer/separation corona unit, make sure that the corona unit can move up and down smoothly.

⑥ Close the upper half of the frame.

8. Installing trays

① Install the manual feed tray on the copier with two screws.



② Install the paper receive tray on the copier.
③ Install the original work table.

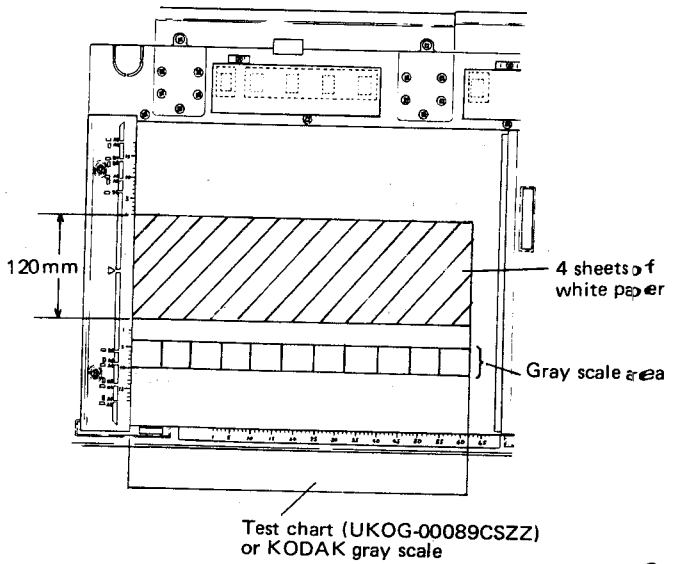
9. Copy tests

NOTE: Copy tests must be checked at every machine maintenance.

(1) Check the center deviation.
Nominal allowance: 0±2mm, maximum.

(2) Check lead edge registration and image loss.
- Nominal lead edge registration: 0 to 3mm.
- Nominal lead edge image loss: 1.0mm, maximum.

(3) Check copy tone
Place four sheets of blank white paper, 120mm x 420mm (4.75" x 17"), on top of each other in the center of the original glass, place the test chart (UKOG-00089CSZZ) or the KODAK gray scale as shown, and close the original cover.



- Manual exposure mode
  Make a copy at exposure setting 5.0. The 0.5 (5) strip should appear distinctly copied, but a light background may appear in 0.3 (4).
- Make a copy under the exposure setting at 1.0. The 0.2 (2) strip should appear distinctly copied, but a light background may appear in 0.1 (1).

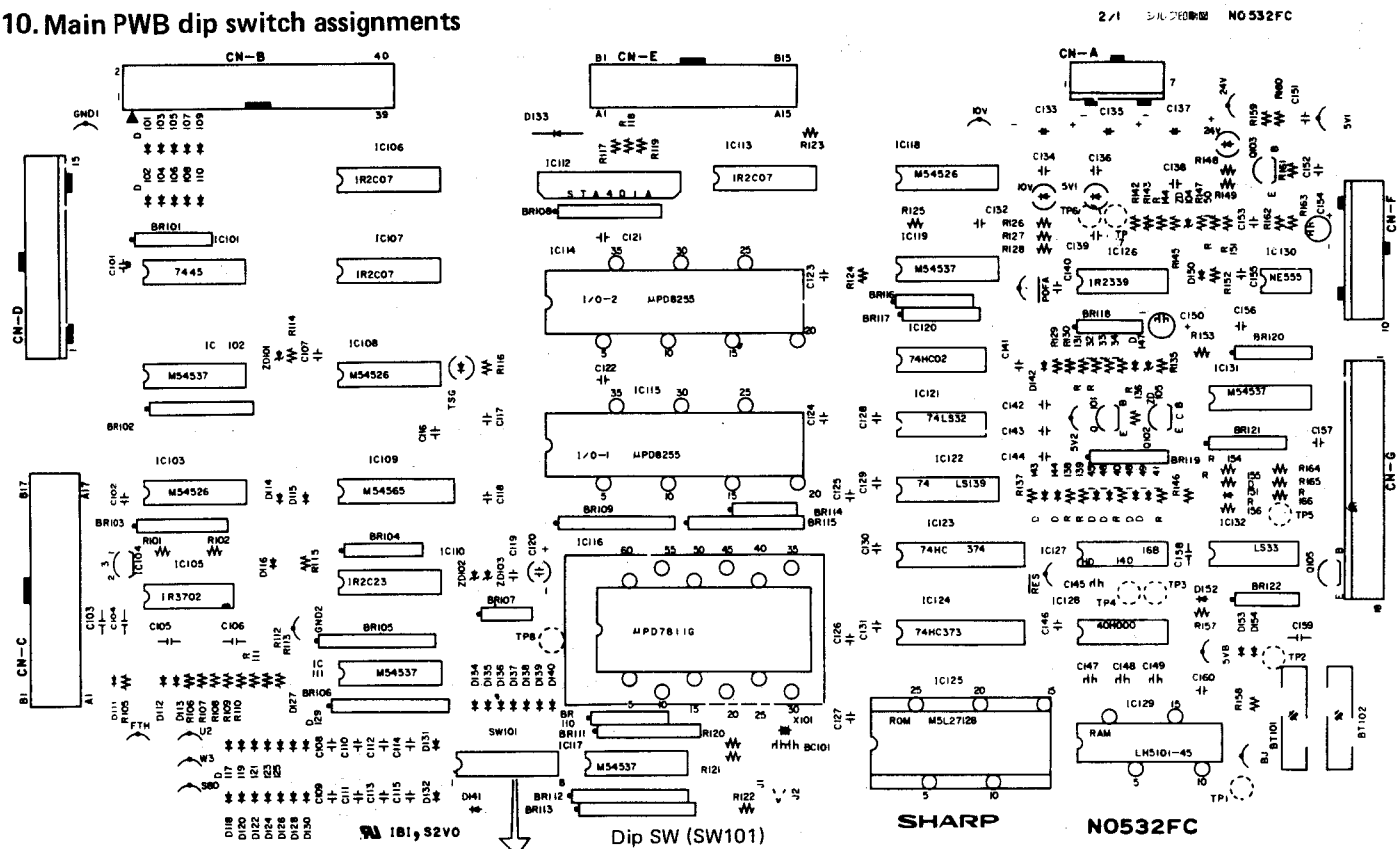
NOTE: The figure parenthesized represents KODAK gray scale.

(4) Resolution test

Make a copy in the enlargement (x1.42), normal (x1.0), and reduction (x0.64) mode and see that the resolution is within the limits below.

	Center of copy	Corner of copy
Normal (x1.0)	5 lines/mm	4.5 lines/mm
Enlarge (x1.42)	5 lines/mm	4.5 lines/mm
Reduce (x0.64)	3.6 lines/mm	3.2 lines/mm

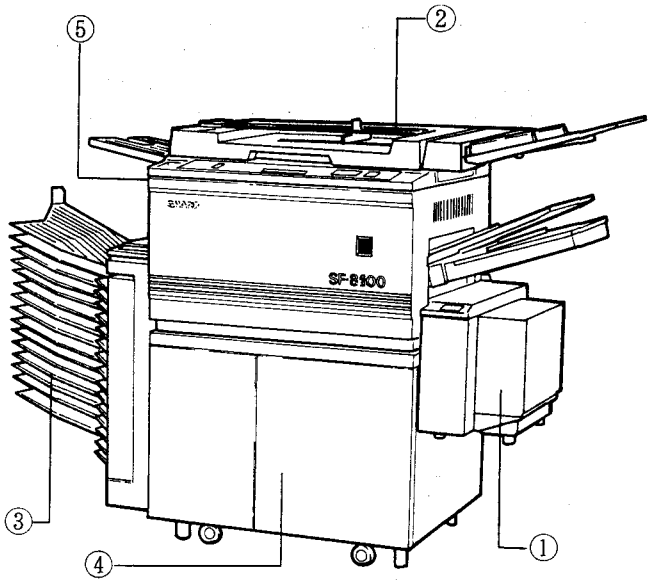
10. Main PWB dip switch assignments



(Main PWB)

SW No.	Function	Switch state			
		ON	OFF	Japan version	Export version
1	AB/inch series select switch	AB series	Inch series	ON	
2	Total counter (A3, 11" x 17" double/single count select switch)	Double count	Single count	ON	ON
3	Maintenance counter (A3, 11" x 17" double/ single count select switch)	Double count	Single count	ON	ON
4	Developer type select switch	Export version	Japan version	OFF	ON
5	Copy kit select switch (Japan only)	10K bit	5K kit	To be set according to the kit kind	–
6	Operation panel select switch (AB series only)	AB series other than Japan	Japan	OFF	ON
7	Not used	–	–	–	–
8	Not used	–	–	–	–

[3] INSTALLATION OF OPTIONAL EQUIPMENT



① Automatic Document Feeder (Model SF-463)
② Large Capacity Feeder (Model SF-407)
③ 15 Bin Sorter (Model SF-432)
④ Cabinet (SF-80D)
⑤ Personal counter (SF-71A, SF-71B)

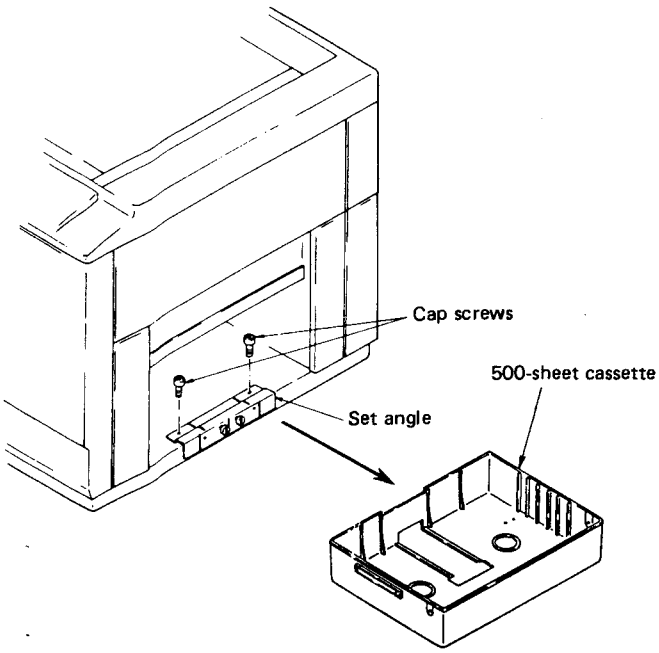
1. SF-407 (Large capacity feeder)

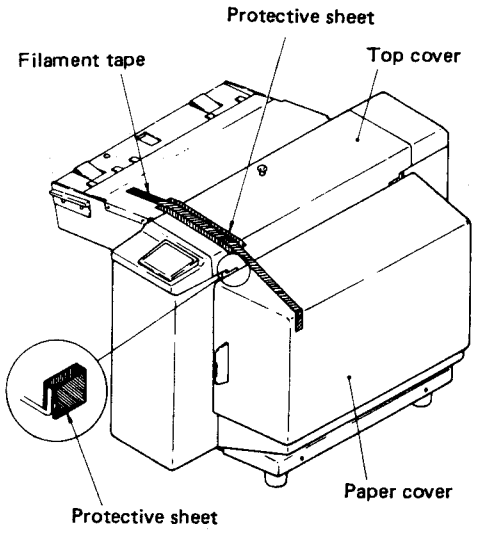
(1) Parts List

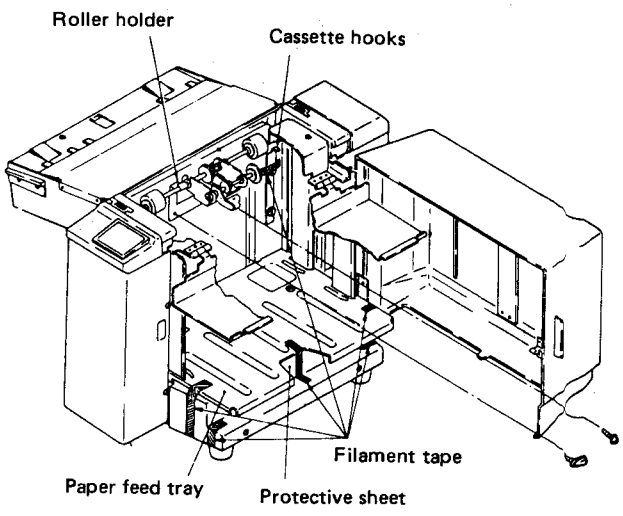
Screws x 4 (2 kind x 2 each)
Set angle x 1

(2) Installation Procedure

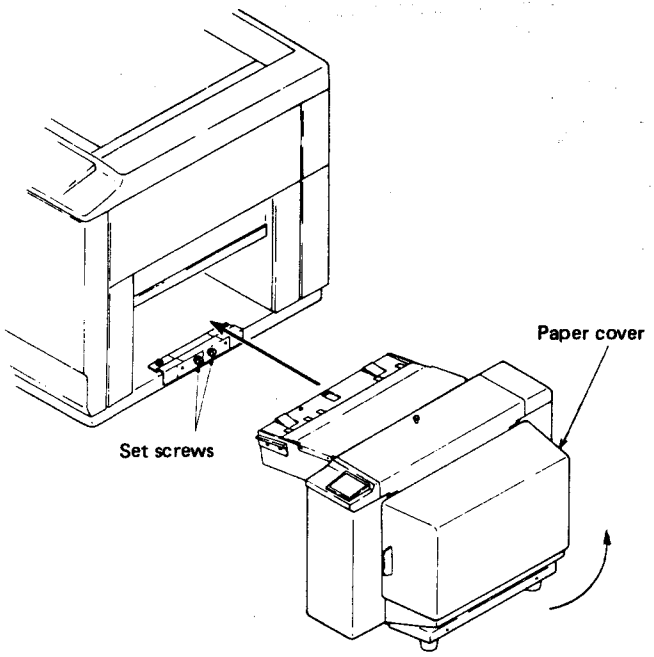
① Remove the 500-sheet cassette from the bottom right side of the copier and attach the set angle to the copier with the two cap screws included. Next, remove the filament tape and the protective sheet securing the SF-407 paper cover, paper feed tray, top cover, and the right and left cassette hooks. Also remove the roller holder by removing the two screws holding it.



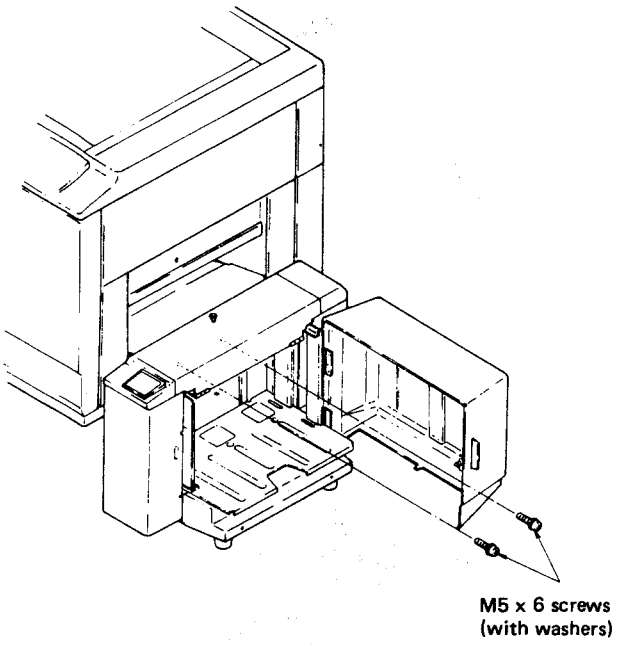




② While holding the paper cover side of the SF-407 slightly higher than the paper exit side gently insert it in the bottom paper supply port of the copier and set it on the set screws (2 locations) on the set angle.

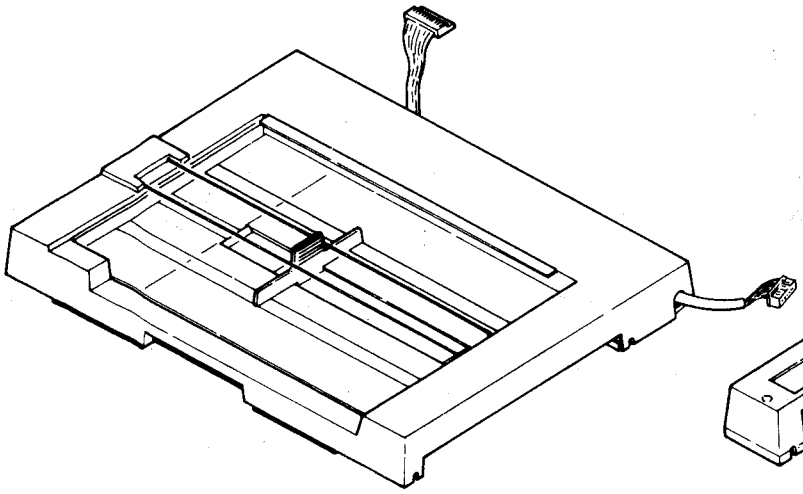


③ Attach the SF-407 to the copier with the two screws (with washers).

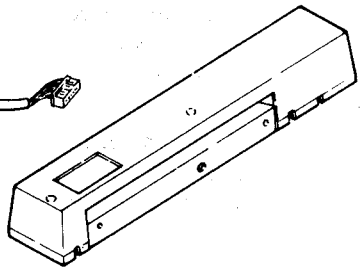


2. SF-463 (AUTOMATIC DOCUMENT FEEDER)

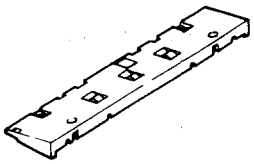
(1) Parts:



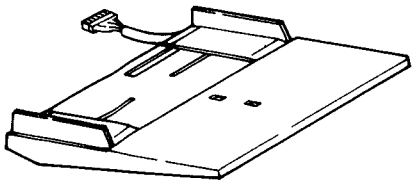
Transport unit 1



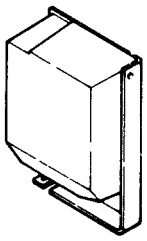
Oringinal feed unit 1



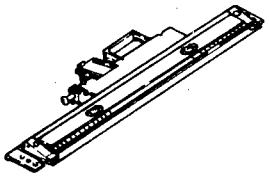
Entrance guide 1



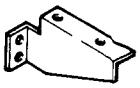
Original feed tray 1



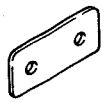
Transformer unit1



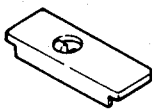
Stopper 1



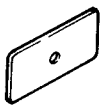
Original feed unit angle 2



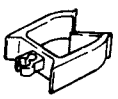
Hinge stopper 2



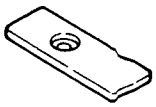
Glass holder R 1



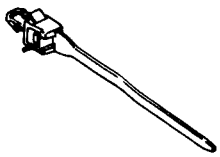
Tray wahser 2



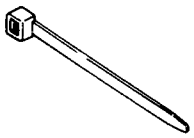
Plastic holder 2



Glass holder F 1

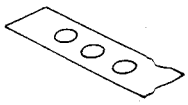


Snap band 1

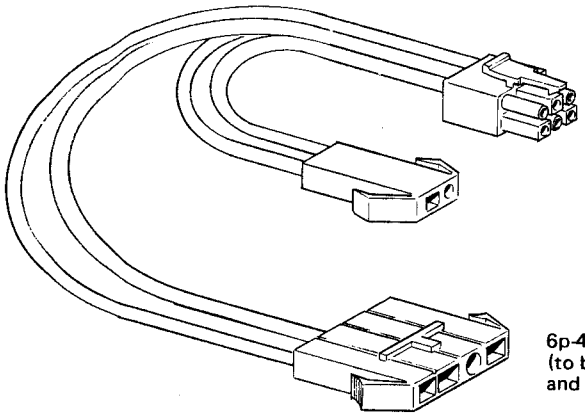


Wiring tie 2

Bushing 1
(to be used when installed on the SF-8200/8600 (SEEG and U.K. only)



Shim 4



6p-4p adaptor 1 (contained in the transformer unit)
(to be used when installed on the SF-8200/8600 (SEEG and U.K. only) and is not required for the SF-8100.

Hardware:

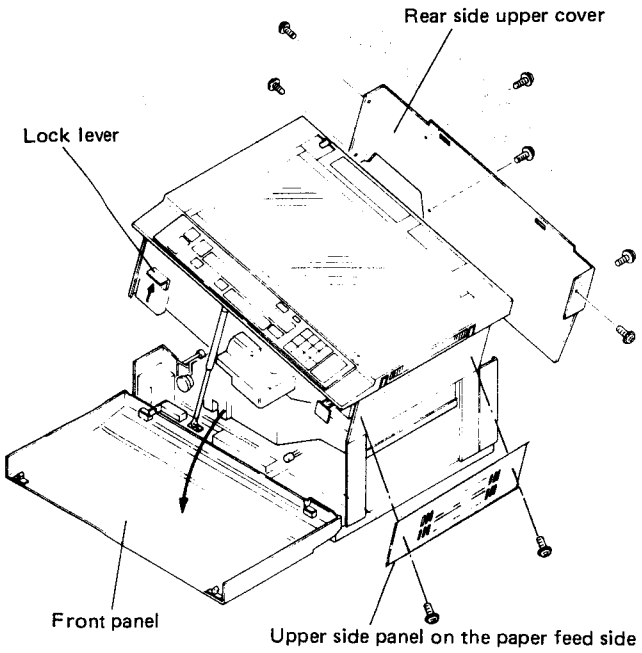
M4 x 6 binding screw	1 (transformer cover)
	1 (transformer unit)
	4 (Original feed unit angle)
	4 (hinge stopper)
M4 x 6 screw w/spring washer	1 (ground)
M4 x 8 binding screw	2 (glass holder, F and R)
M4 x 10 binding screw	8 (transport unit
M4 x 12 binding screw	2 (entrance guide)
M4 x 16 binding screw	2 (entrance guide)
M3 x 6 binding screw	4 (original feed unit)
M3 x 16 w/spring washer and flat washer	2 (original feed tray)
M3 crown washer	1 (Original feed unit angle)
M4 crown washer	1 (Original feed unit angle)

(2) Installation

① Open the front cover.

② Open the upper frame.

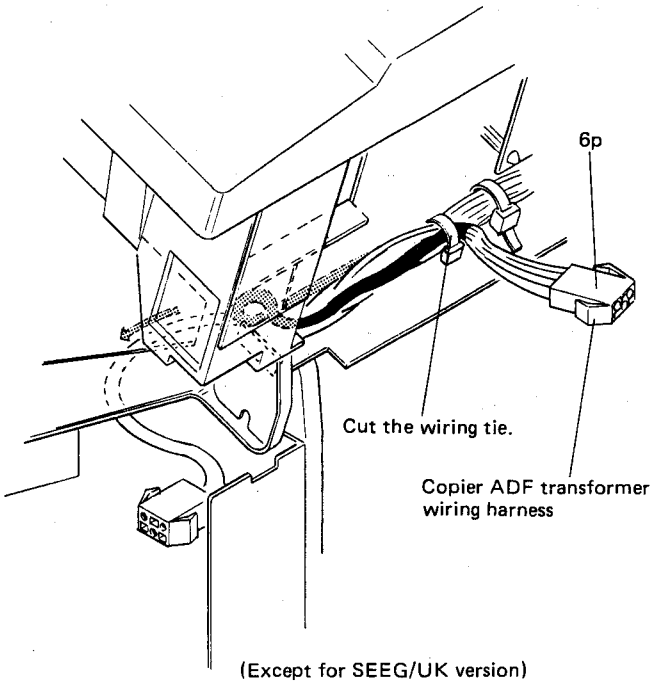
③ Remove the rear side upper panel and remove the upper side panel on the paper feed side.



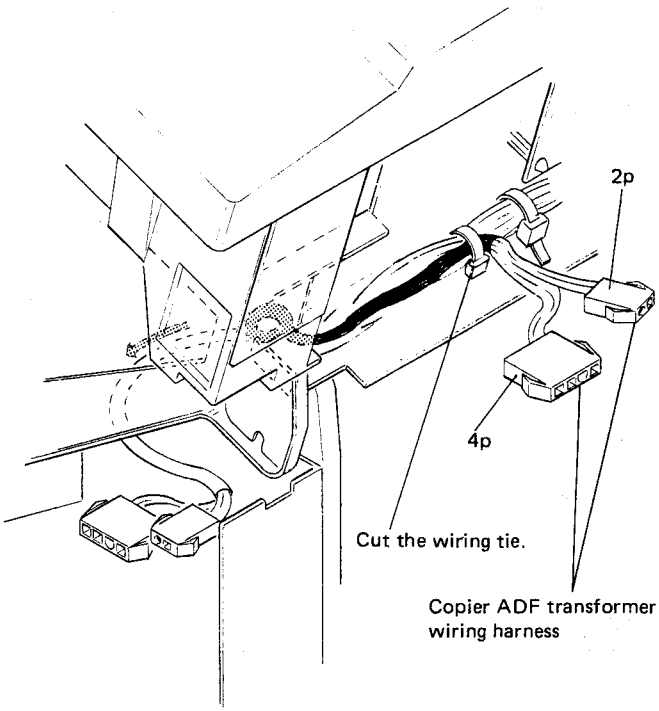
④ Remove the developer unit.

⑤ Cut the wiring tie that secures the ADF transformer wiring harness on the upper right side panel.

⑥ Route the ADF transformer wiring harness between the front frame side upper frame and lower frame and take it out to the front frame side of the original feed unit.

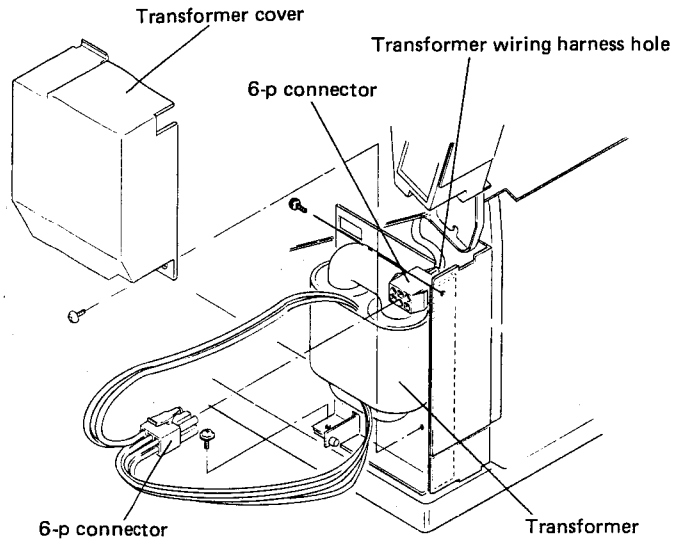


(Except for SEEG/UK version)

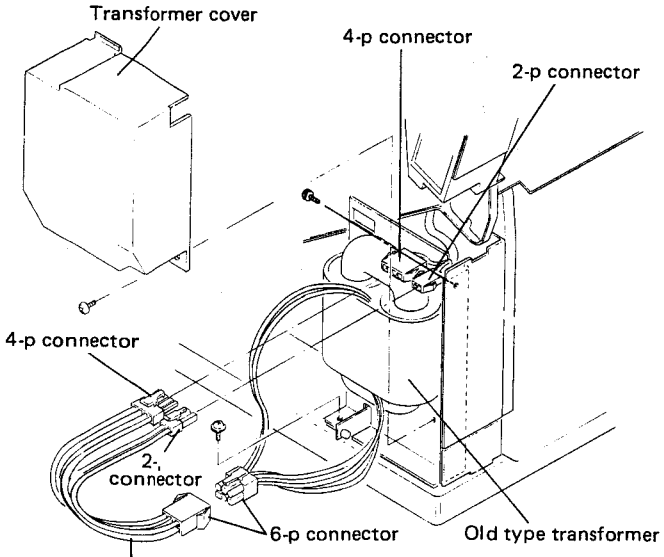


(For SEEG/UK version)

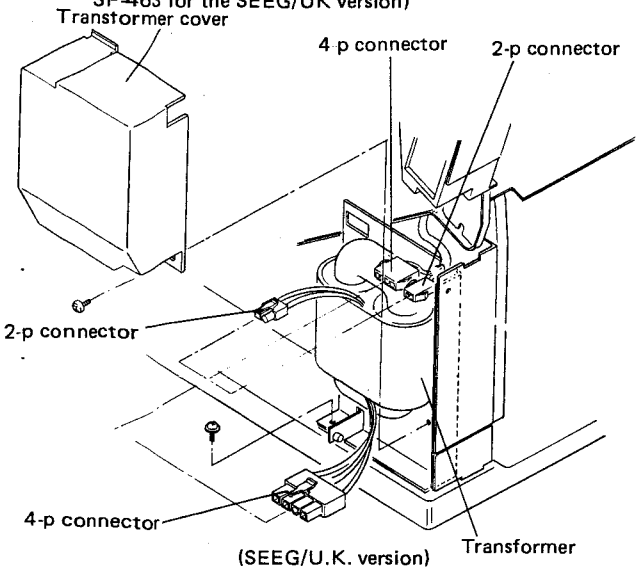
⑦ Remove the transformer cover from the transformer unit and install the transformer on the copier.



(Except for the SEEG/UK version)



4-p to 6-p adaptor (DHAI-1234FCZZ)
(When installing the old type transformer incorporated SF-463 for the SEEG/UK version)



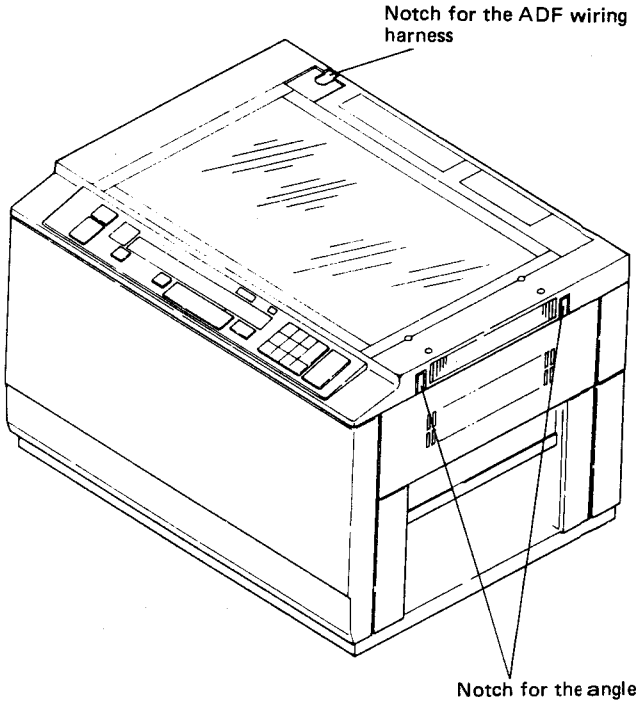
(SEEG/U.K. version)

NOTE:
When installing the old type transformer incorporated SF-463 for the SEEG/UK version, it requires the use of the 4-p to 6-p adaptor (DHAI-1243FCZZ).

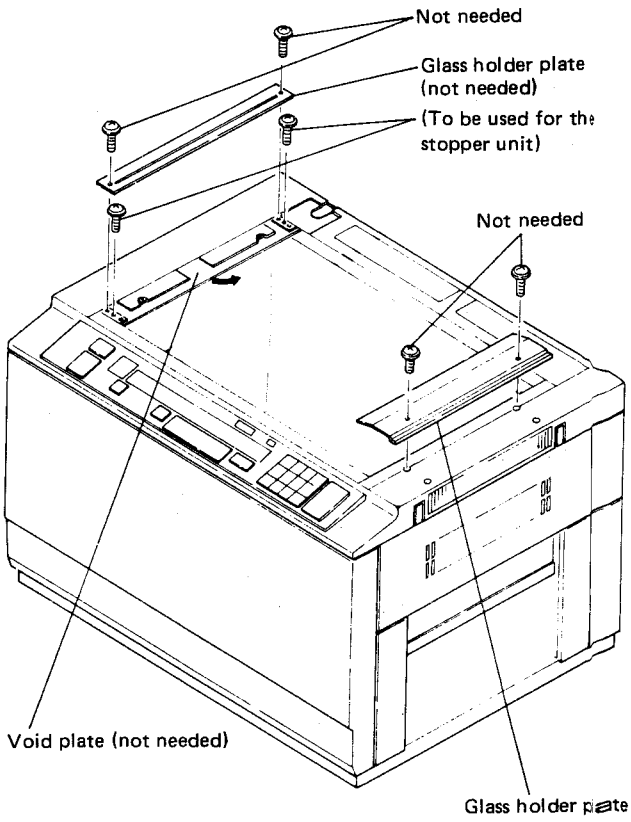
⑧ Route the ADF transformer wiring harness through the transformer harness hole and fasten with the connector.

⑨ Install the transformer cover.

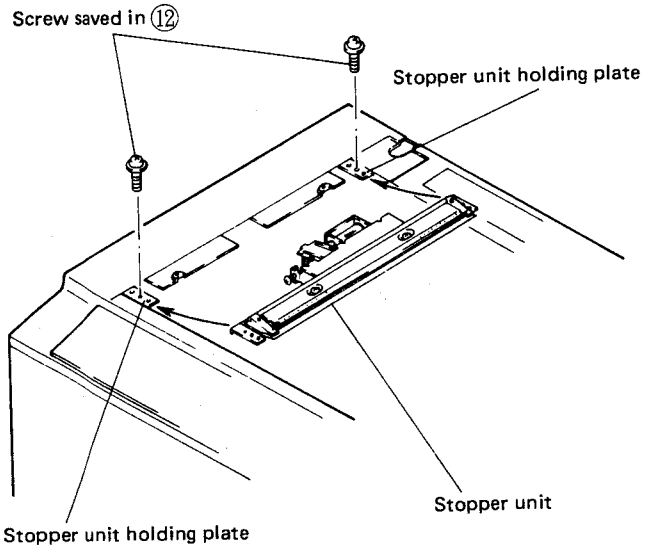
⑩ Cut out the notch for the ADF wiring harness on the copier top cabinet and the notch for the angle.

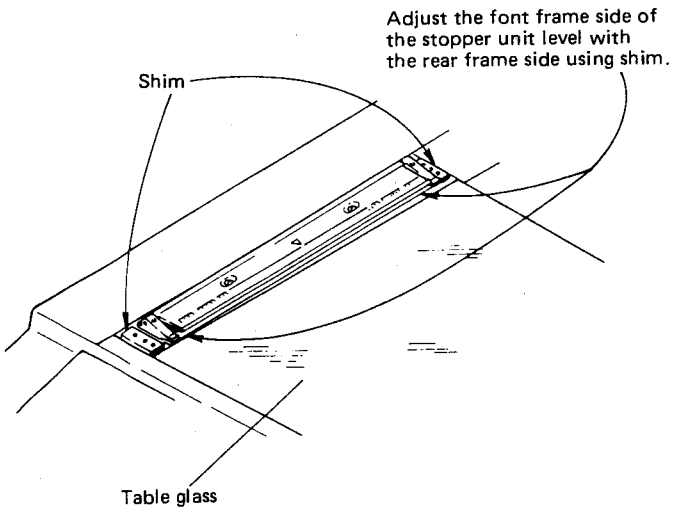


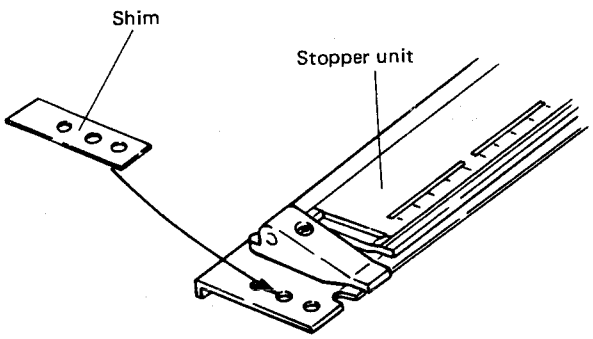
⑪ Remove the table glass holder plate and remove the table glass.



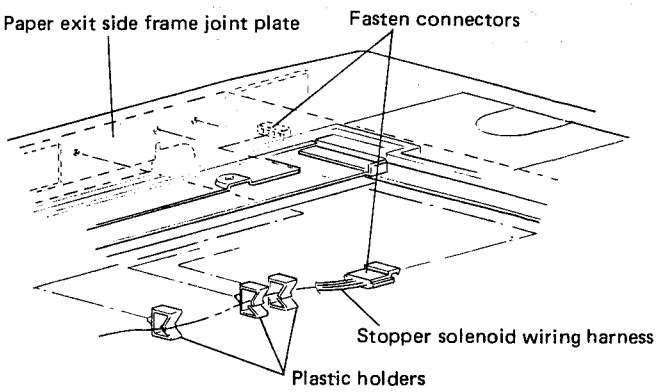
⑫ Remove the void plate.
* The void plate securing screw is used in securing the stopper unit at ⑨.
⑬ Remove the paper feed side top side panel.
⑭ Manually rotate the mirror base drive pulley and move the mirror base to the paper entry side.
⑮ Install the stopper unit on the copier.







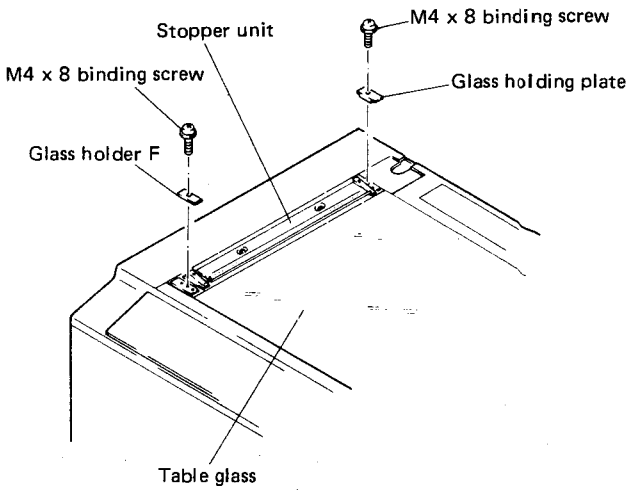
⑯ Install three plastic holders to the paper exit side frame joint plate.



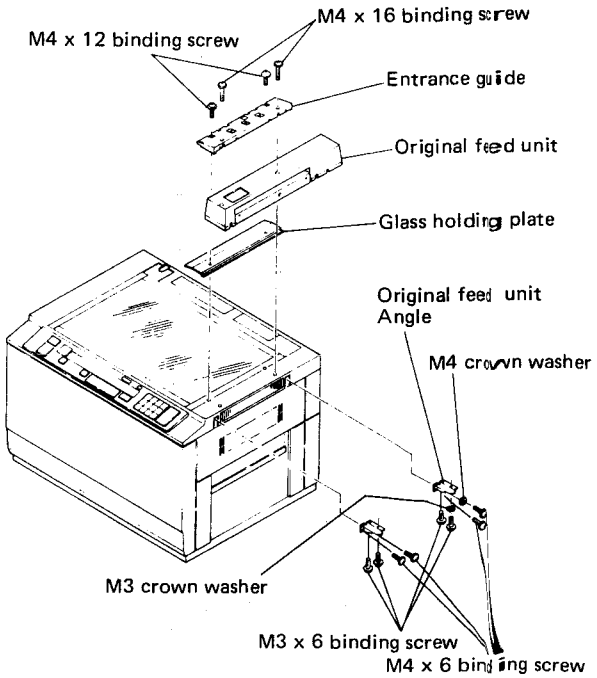
⑰ Route the stopper unit and the stopper solenoid wiring harness through three pieces of plastic holders and connect them to the stopper solenoid connector on the rear frame side.

⑱ Move the table glass to the paper exit side and install. The side a white mark is painted on the side of the table glass must located to your right.

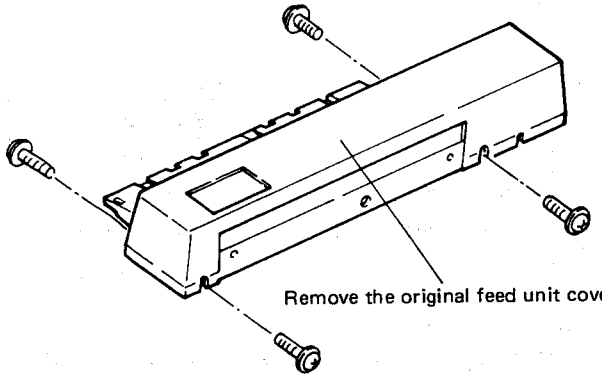
⑲ Install the glass holders, F and R.



⑳ Install the original feed unit angle, glass holder, original feed unit, and entrance guide to the copier.

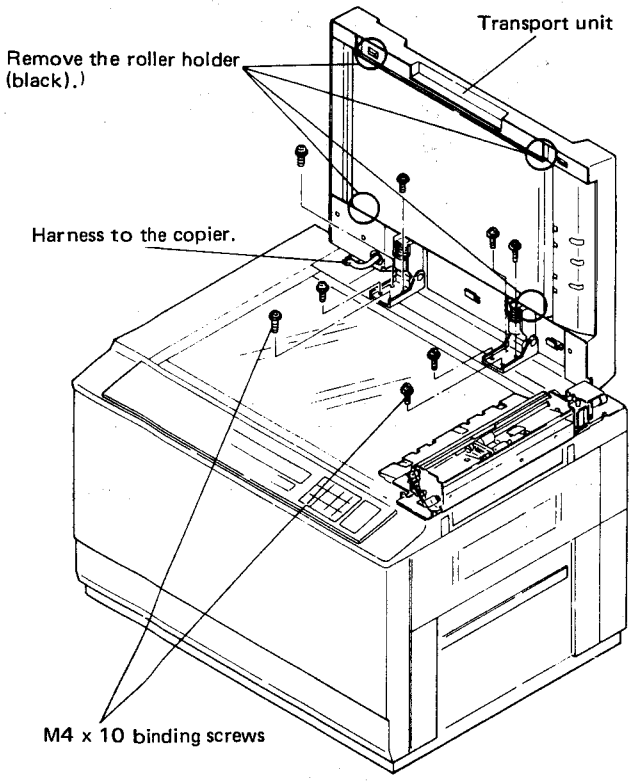


㉑ Remove the original feed unit cover.

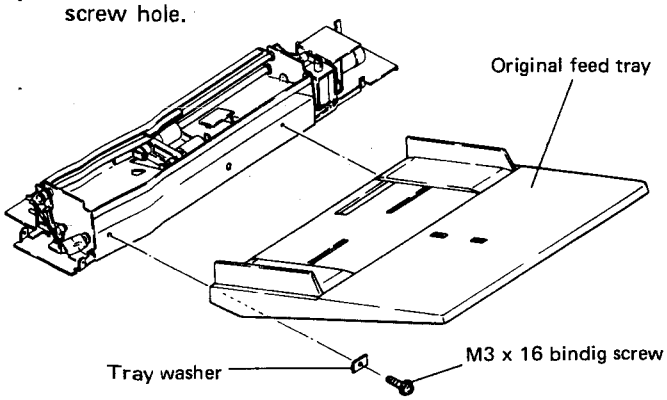


㉒ With the transport unit wiring harness inserted through the cut for the harness mentioned in 5 and place the transport unit over the copier. Secure hinges with M4 x 10 screws at four locations. Slowly push the transport unit down and check to see that it has been installed parallel to the original feed unit.

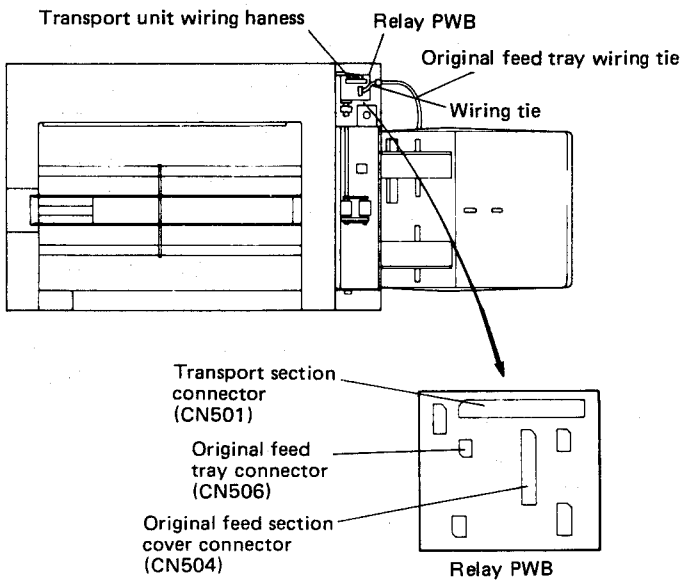
* If not installed parallel, loosen the screws and correct the position.



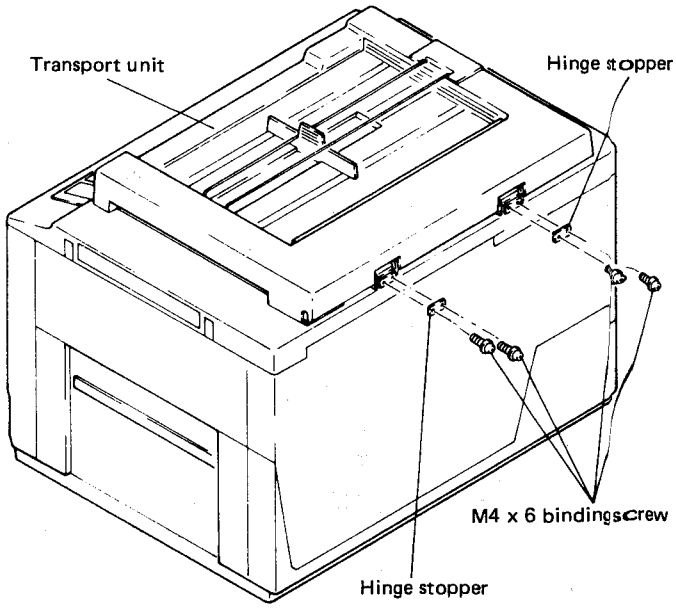
㉓ Secure the original feed tray to the original feed unit with screws with washers. Secure it in the center of the screw hole.



㉔
- Connect wiring harness of the original feed tray to the original feed unit PWB (CN504).
- Connect the transport unit harness to CN501 of the original feed unit relay PWB.
- Keep the transport unit open. Install cover A while inserting the display harness to CN506 of the original feed unit relay PWB.

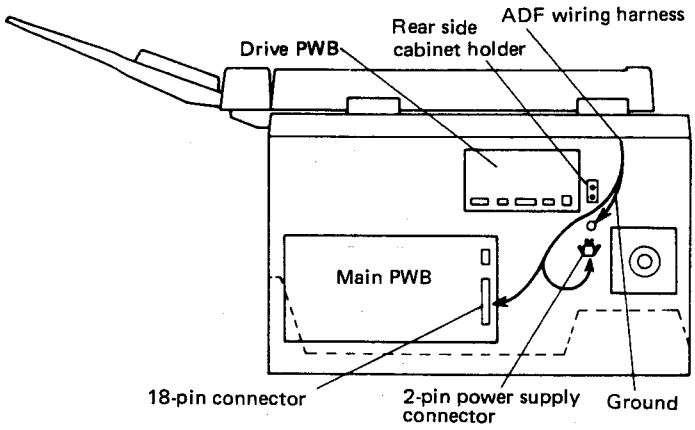


㉕ With the transport unit closed, install the hinge stopper to the transport unit hinge and secure it with screws at two locations.

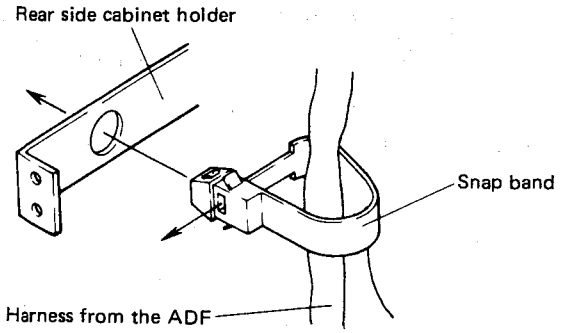


㉖ Fasten the transport unit 18-p connector to the main PWB and the power supply connector to the red connector. The ground wire must be connected to the ground wire hole of the copier frame.

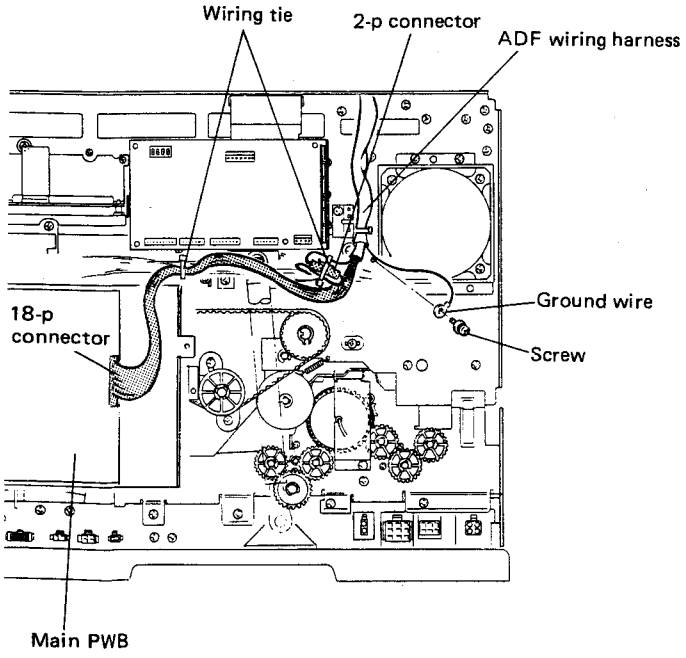
* Secure the ground wire to the copier frame using a M4 x 6 bronze screw.



㉗ Tie three copier interfacing connectors with a snap band altogether and secure it to the rear side cabinet holder.



㉘ Install the ADF wiring harness to the copier's main wiring harness using a wiring tie.



3. SF-432 (15 BIN STOPPER)

(1) Parts list

Stay	1	M4 x 6 screw	1
Bins	15	M4 x 8 screws	3
Strap	1	M4 x 16 screws	4
Paper guide plate	1	M4 x 8 screw (black)	1
Attachment plates	2	Installation manual	1
Grounding screw	1	Instruction manual	1

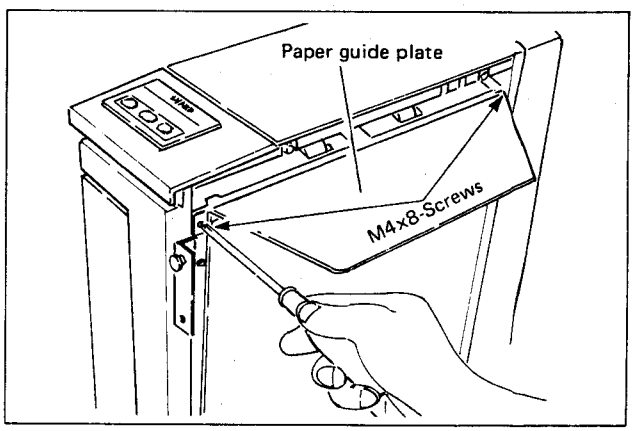
(2) Installation procedure

① Attach the paper guide to the back panel of the sorter.

Parts used:

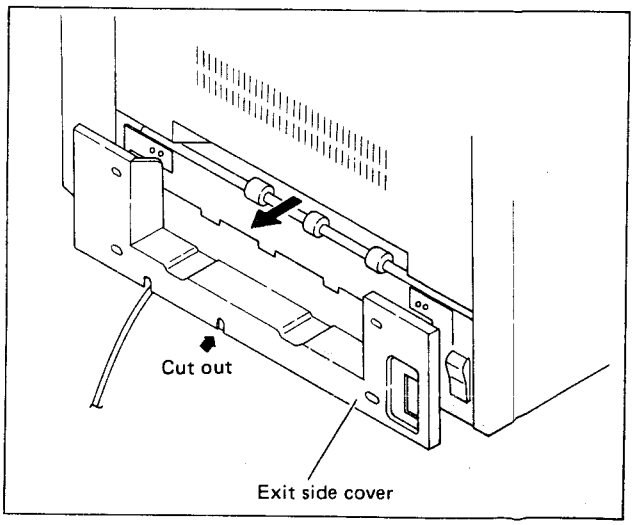
Paper guide 1

M4 x 8 screws 2



② Remove the lower cover on the paper exit side of the copier to attach the connection cords of the sorter to the power supply of the copier.

NOTE: Cut out the center part (arrow) of the paper exit side cover.

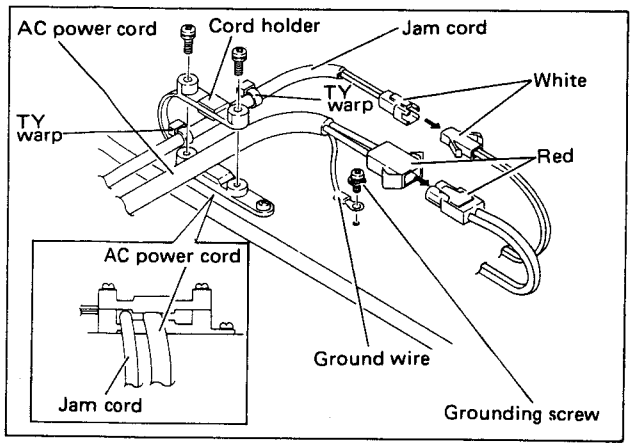


③ Attach the 2 pin AC power cord of the sorter to the red connector of the power supply section, and connect the jam cord to the white connector. Connect the ground wire to the base plate with a brass screw.

- After connection, secure the cords in place with the cord holder. (TY-Wraps are located on each side of the cord holder)

Parts used:

Grounding screw (Brass) 1



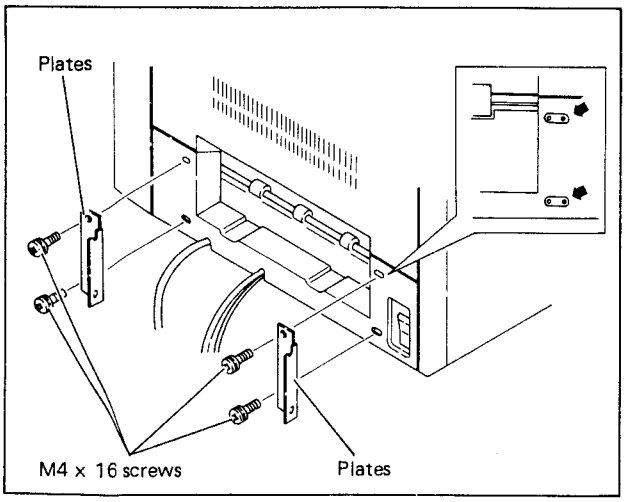
④ Attach the plates to the paper exit side cover.

NOTE: Attach the plates to the screw holes marked with arrow.

Parts used:

Attachment plates 2

M4 x 16 screws 4

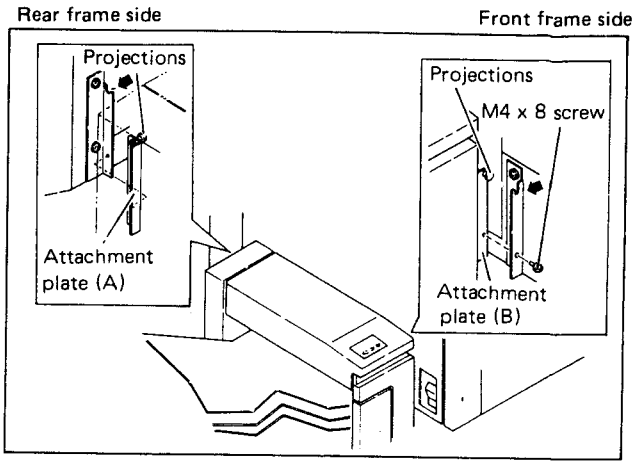


⑤ Hang the sorter on the plates mounted to the machine in step ④.

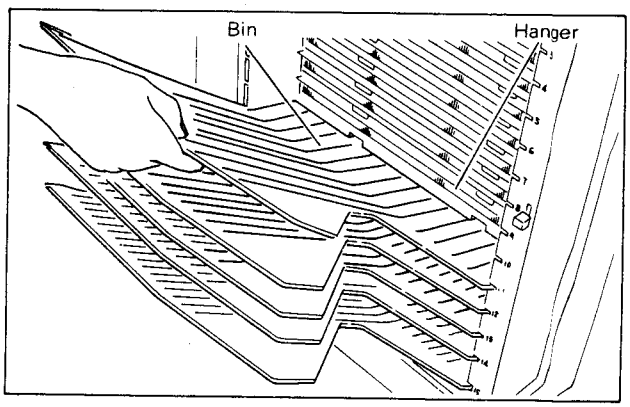
- The projections on the sorter attachment plates hang on the hooks of the plates on the copier, secure with a screw on the front frame side.

Parts used:

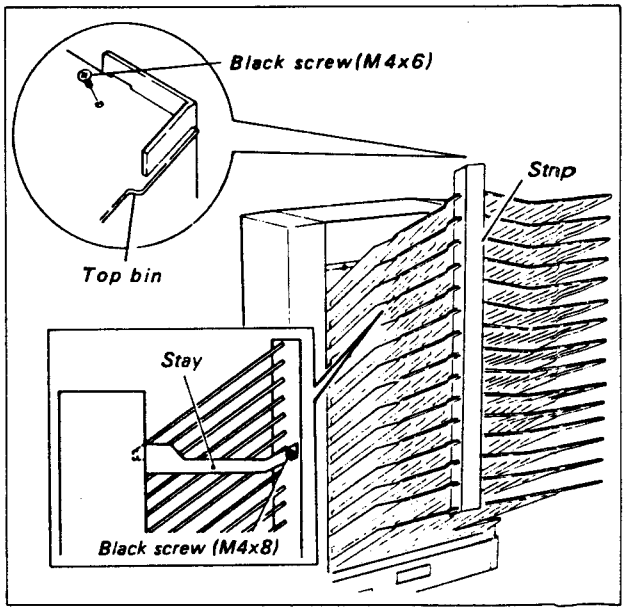
M4 x 8 screws (black) 1



⑥ Install the 15 bins. The bin tabs should be inside the tab slots.



⑦ Insert each bin in the groove of the strap, and snap into place. These steps complete the installation procedure.



⑧ Secure the top bin to the strap with the screws provided.

⑨ Secure the stay between the 1st + 2nd bins in the hole provided in the strap.

[4] COPY QUALITY ADJUSTMENTS

The copy quality must be adjusted for any of the following conditions:

- At the time of maintenance.
- After the drum current adjustments, after the coronas are replaced, after the corona wires are replaced, or after a high voltage unit is replaced.
- After replacing the CL-Reg PWB or a component.
- After adjusting the VR on the CL-Reg PWB.
- After replacing the auto exposure sensor (AE).
- After replacing the copy lamp.
- After replacing the dark box unit.
- After replacing, adjusting, troubleshooting, or disassembly of the dark box unit.
- After adjusting the exposure control plate.
- After replacing the drum.

1. Precautions

The following needs to be observed before the copy quality adjustments.

① Clean the optical system (table glass, lens, mirrors, copy lamp, and reflector).

② Remove the auto exposure sensor and clean the surface of the photosensor with a cloth dampened with alcohol.

NOTE: Wiping with a dry cloth will impart an electrostatic charge to the sensor and will attract more dust.

③ Clean corona wires (MCU, TCU, SCU).

④ Clean the developer unit.

⑤ Clean the drum unit.

⑥ Clean the drum cleaning blade. And apply starting powder to the drum and cleaning blade.

NOTE: Always perform the manual exposure control adjustment first, then perform the automatic exposure control.

2. Copy quality adjustment procedure

(See the copy quality adjustment flowchart.)

The Copy Quality Adjustment Flowchart should be used at the time of set up or time of service The following describes in detail specific points and should only be used as a reference to supplement the flowchart

Description of adjusting procedure for flowchart.

1) Set the drum sensitivity switch

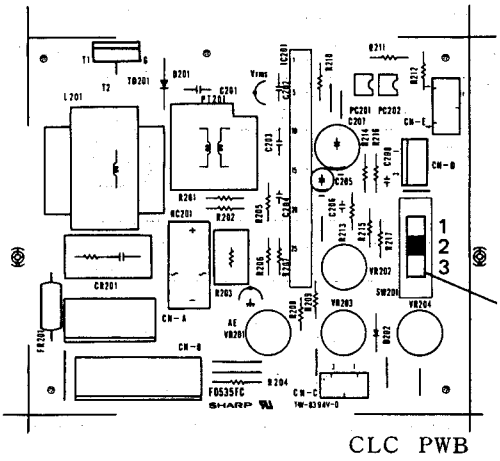
① Read a 6-digit number printed on the drum flange on the front frame side.

② Remove the right side upper exterior cover located above the manual feed tray.

③ Set the DSSW position to the first digit of the drum number.

Example:

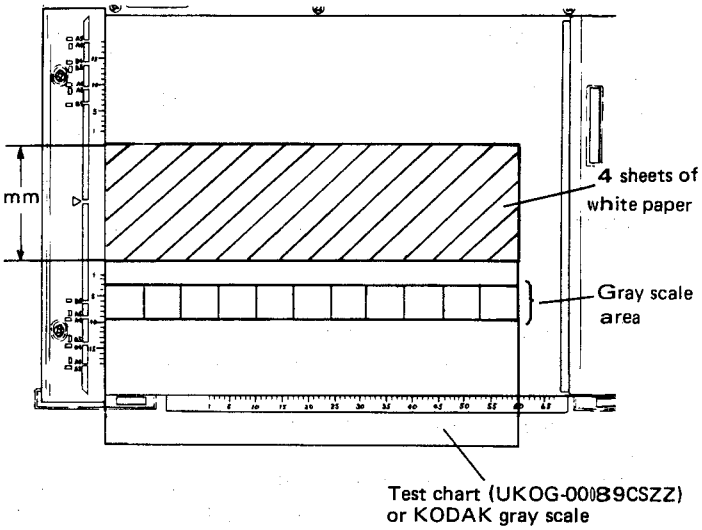
If the drum number is 2D1984, set the DSSW to "2".



CLC PWB

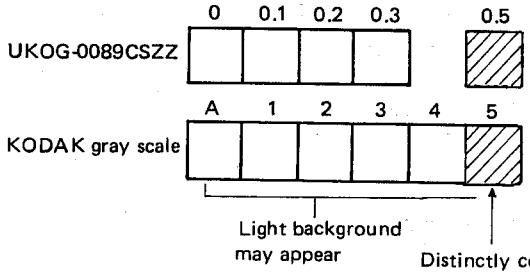
3) Installing the test chart

① Place four sheets of blank white paper, 120mm x 420mm (4.75" x 17"), on top of one another, in the center of the table glass. Place the test chart (UKOG-0089CSZZ) or the KODAK gray scale as shown below.



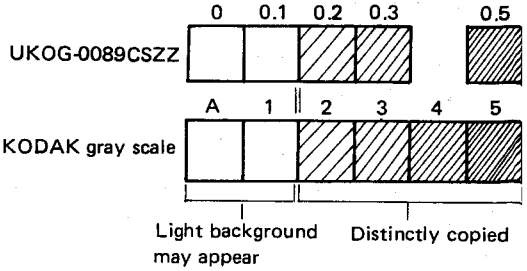
6) Check copy (Manual mode). Exposure setting 5.0.

① Check that the 0.5 (5) strip should appear distinctly copied, but a light background may appear in the 0.3 (4) strip.

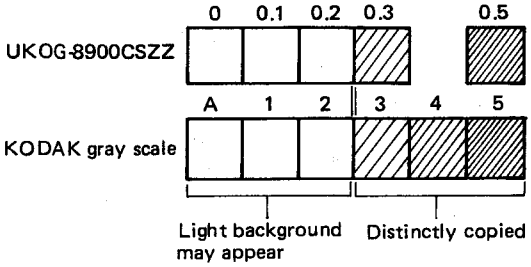


9) Check copy (manual mode). Exposure setting 1.0.

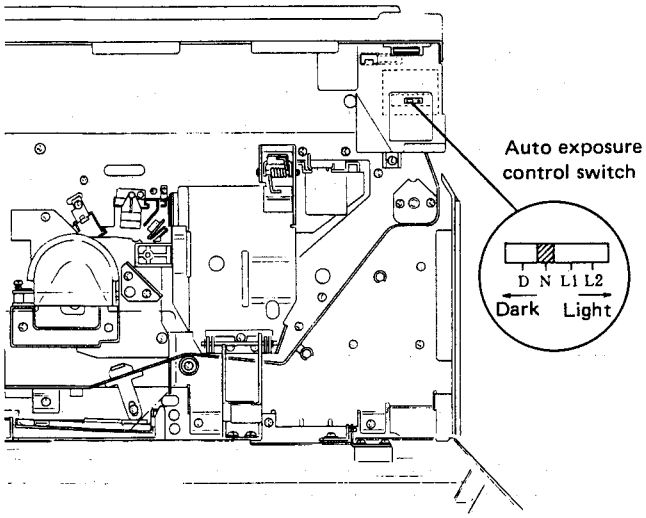
Check that the 0.2 (2) strip should appear distinctly copied, but a light background may appear in the 0.1 (1) strip.



12), 17) Check copy (AE mode)
Check that the 0.3 (3) strip should appear distinctly copied, but a light background may appear in the 0.2 (2) strip.

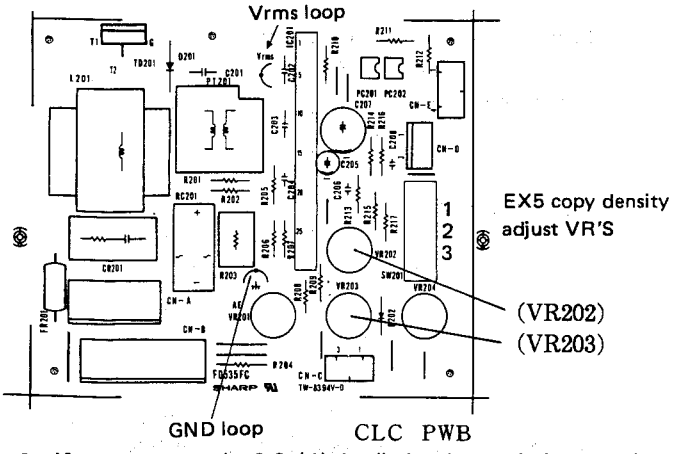


15) Adjust the auto exposure control switch
Set the auto exposure control switch to the "N" position.



NOTE: Depending on the position of the auto exposure control switch, copy density will vary in the auto exposure mode.

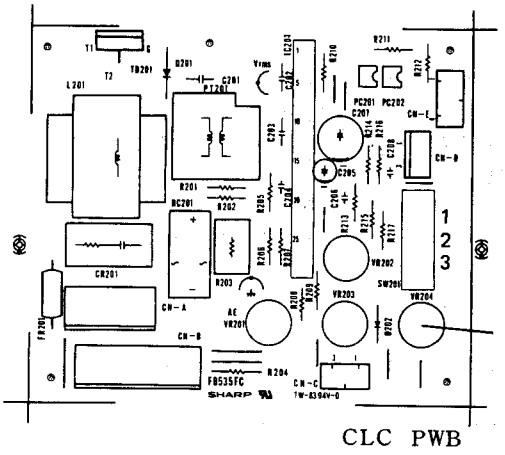
19),21) Adjust CL PWB, VR202, or 203
(EX5 copy density adjustment)
NOTE: First adjust VR202, if VR202 is adjusted to the maximum position then adjust VR203.



- If the gray ccale 0.3 (4) is distinctly copied, turn the VR clockwise.
- If the gray scale 0.5 (5) is not distinctly copied, turn the VR counterclockwise.
  Clockwise turn of the VR makes a copy lighter. Counterclockwise turn makes a copy darker.

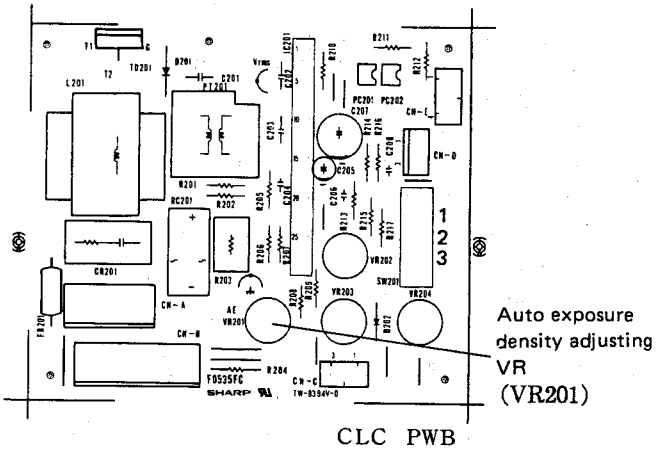
NOTE: When adjusting the VR, connect a voltmeter between the Vrms loop and GND loop of the copy lamp control P.W.B. The voltage must not exceed 8 VDC. If the voltage exceeds 8 VDC, check the optical system.

27),29) Adjust the CL PWB VR204
(EX1 copy density adjustment)



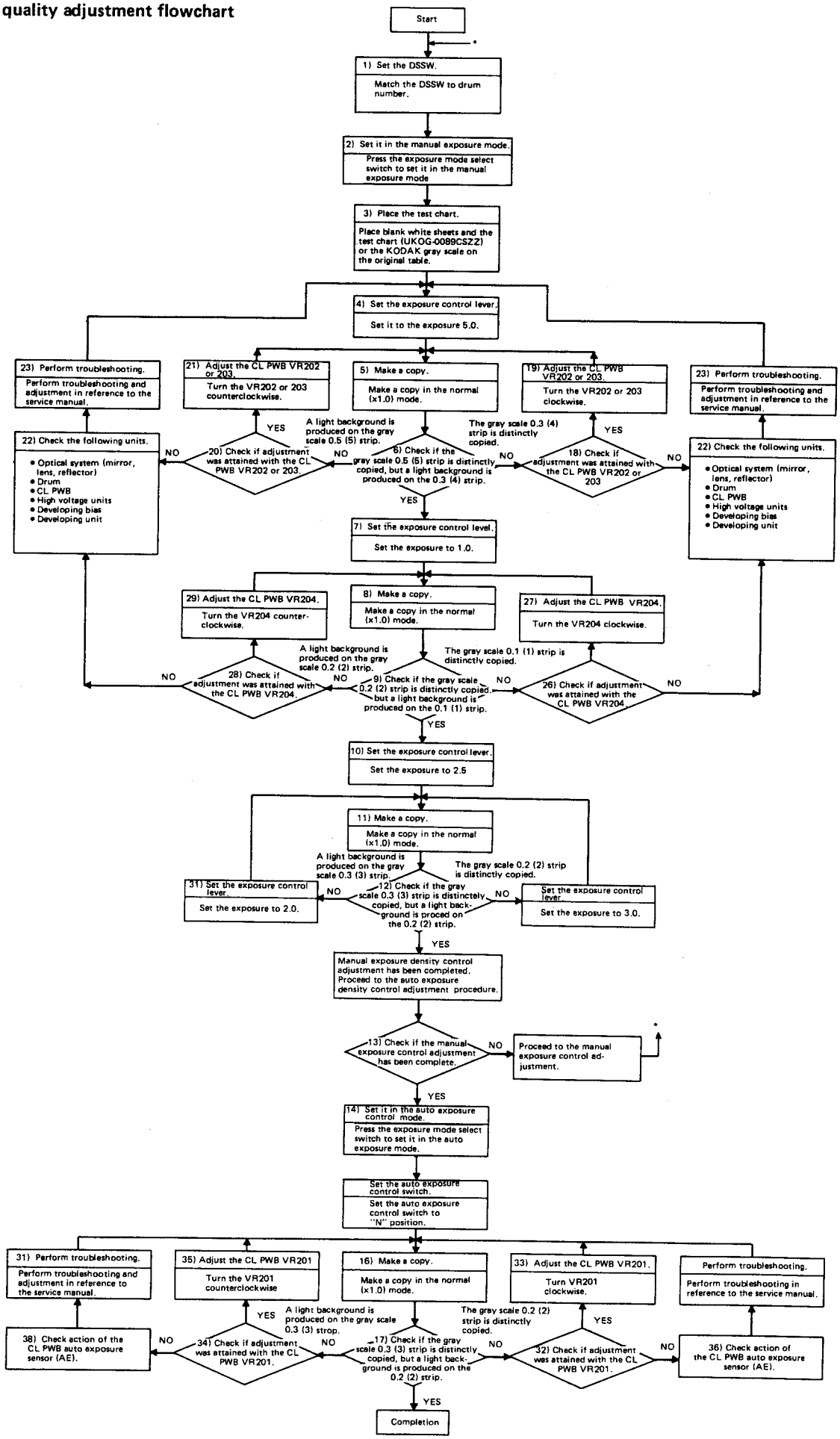
- If the gray scale 0.1 (1) is distinctly copied, turn the VR clockwise.
- If the gray scale 0.2 (2) is not distinctly copied, turn the VR counterclockwise.
  Clockwise turn of the VR makes a copy lighter. Counterclockwise turn makes a copy darker.

33),35) Adjust the CL PWB VR201
(Auto exposure mode density adjustment)



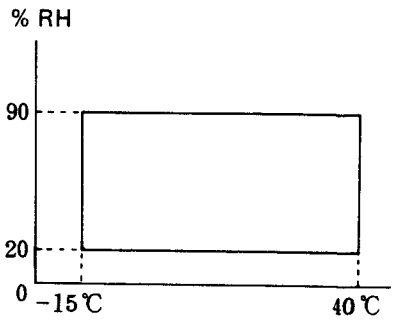
- If the gray scale 0.2 (2) is distinctly copied, turn the VR clockwise.
- If the gray scale 0.3 (3) is not distinctly copied, turn the VR counterclockwise.
  Clockwise turn of the VR makes a copy lighter. Counterclockwise turn makes a copy darker.

Copy quality adjustment flowchart


Start
1) Set the DSSW.
Match the DSSW to drum number.
2) Set it in the manual exposure mode.
Press the exposure mode select switch to set it in the manual exposure mode
3) Place the test chart.
Place blank white sheets and the test chart (UKOG-0089CSZZ) or the KODAK gray scale on the original table.
4) Set the exposure control lever.
Set it to the exposure 5.0.
5) Make a copy.
Make a copy in the normal (x1.0) mode.
6) Check if the gray scale 0.5 (5) strip is distinctly copied, but a light background is produced on the 0.3 (4) strip.
A light background is produced on the gray scale 0.5 (5) strip.
The gray scale 0.3 (4) strip is distinctly copied.
YES
NO
20) Check if adjustment was attained with the CL PWB VR202 or 203.
18) Check if adjustment was attained with the CL PWB VR202 or 203
21) Adjust the CL PWB VR202 or 203.
Turn the VR202 or 203 counterclockwise.
19) Adjust the CL PWB VR202 or 203.
Turn the VR202 or 203 clockwise.
22) Check the following units.
• Optical system (mirror, lens, reflector)
• Drum
• CL PWB
• High voltage units
• Developing bias
• Developing unit
23) Perform troubleshooting.
Perform troubleshooting and adjustment in reference to the service manual.
7) Set the exposure control level.
Set the exposure to 1.0.
8) Make a copy.
Make a copy in the normal (x1.0) mode.
9) Check if the gray scale 0.2 (2) strip is distinctly copied, but a light background is produced on the 0.1 (1) strip.
A light background is produced on the gray scale 0.2 (2) strip.
The gray scale 0.1 (1) strip is distinctly copied.
28) Check if adjustment was attained with the CL PWB VR204.
26) Check if adjustment was attained with the CL PWB VR204.
29) Adjust the CL PWB VR204.
Turn the VR204 counter-clockwise.
27) Adjust the CL PWB VR204.
Turn the VR204 clockwise.
10) Set the exposure control lever.
Set the exposure to 2.5
11) Make a copy.
Make a copy in the normal (x1.0) mode.
12) Check if the gray scale 0.3 (3) strip is distinctly copied, but a light background is proced on the 0.2 (2) strip.
A light background is produced on the gray scale 0.3 (3) strip.
The gray scale 0.2 (2) strip is distinctly copied.
31) Set the exposure control lever.
Set the exposure to 2.0.
Set the exposure control lever.
Set the exposure to 3.0.
Manual exposure density control adjustment has been completed. Proceed to the auto exposure density control adjustment procedure.
13) Check if the manual exposure control adjustment has been complete.
Proceed to the manual exposure control adjustment.
14) Set it in the auto exposure control mode.
Press the exposure mode select switch to set it in the auto exposure mode.
Set the auto exposure control switch.
Set the auto exposure control switch to "N" position.
16) Make a copy.
Make a copy in the normal (x1.0) mode.
17) Check if the gray scale 0.3 (3) strip is distinctly copied, but a light background is produced on the 0.2 (2) strip.
A light background is produced on the gray scale 0.3 (3) strip.
The gray scale 0.2 (2) strip is distinctly copied.
34) Check if adjustment was attained with the CL PWB VR201.
32) Check if adjustment was attained with the CL PWB VR201.
31) Perform troubleshooting.
Perform troubleshooting and adjustment in reference to the service manual.
35) Adjust the CL PWB VR201
Turn the VR201 counterclockwise
33) Adjust the CL PWB VR201.
Turn VR201 clockwise.
Perform troubleshooting.
Perform troubleshooting in reference to the service manual.
38) Check action of the CL PWB auto exposure sensor (AE).
36) Check action of the CL PWB auto exposure sensor (AE).
Completion

[5] SUPPLIES

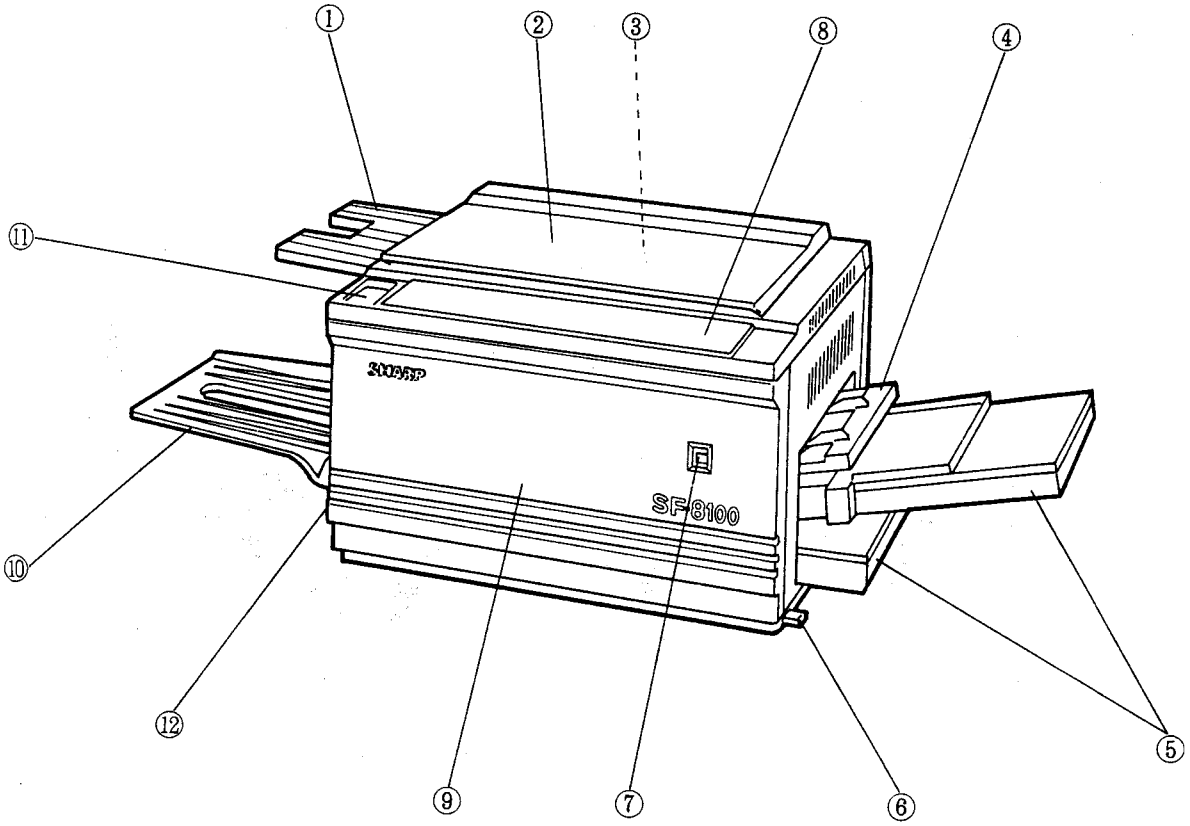
1. DRUM, DEVELOPER, TONER

Item	Approximate life	Storage period	Storage environment
Drum	40,000 copies	24 months (From production month)	
Developer	Black 40,000 copies Red 10,000 copies Blue 10,000 copies Brown 10,000 copies	24 months	
Toner	5,000 copies for black, red brown and blue for A4 or letter size with 6% toned	24 months	

Name	Contents	Item name	Life
Drum unit	OPC drum x 1 Blade x 1	(SF-810DR)	40K
Developer (BLACK) (RED) (BLUE) (BROWN)	Developer x 1 (1.0 kg)	 (SF-810DV1) (SF-810DV2) (SF-810DV3) (SF-810DV4)	 40K 10K 10K 10K
Toner (BLACK) (RED) (BLUE) (BROWN)	Toner x 1 (280g)	 (SF-810T1) (SF-810T2) (SF-810T3) (SF-810T4)	 5K 5K 5K 5K
Developer kit (RED) (BLUE) (BROWN)	Developer Toner Developing tank x 1 Case	 (SF-810K2) (SF-810K3) (SF-810K4)	
Heat roller kit	Teflon roller x 1 Silicon roller x 1 Separator pawl (upper) x 4 Separator pawl (lower) x 3	(SF-810HR)	80K
Cleaning roller	Oil impregnated cleaning roller x 2	(SF-810RL)	40K

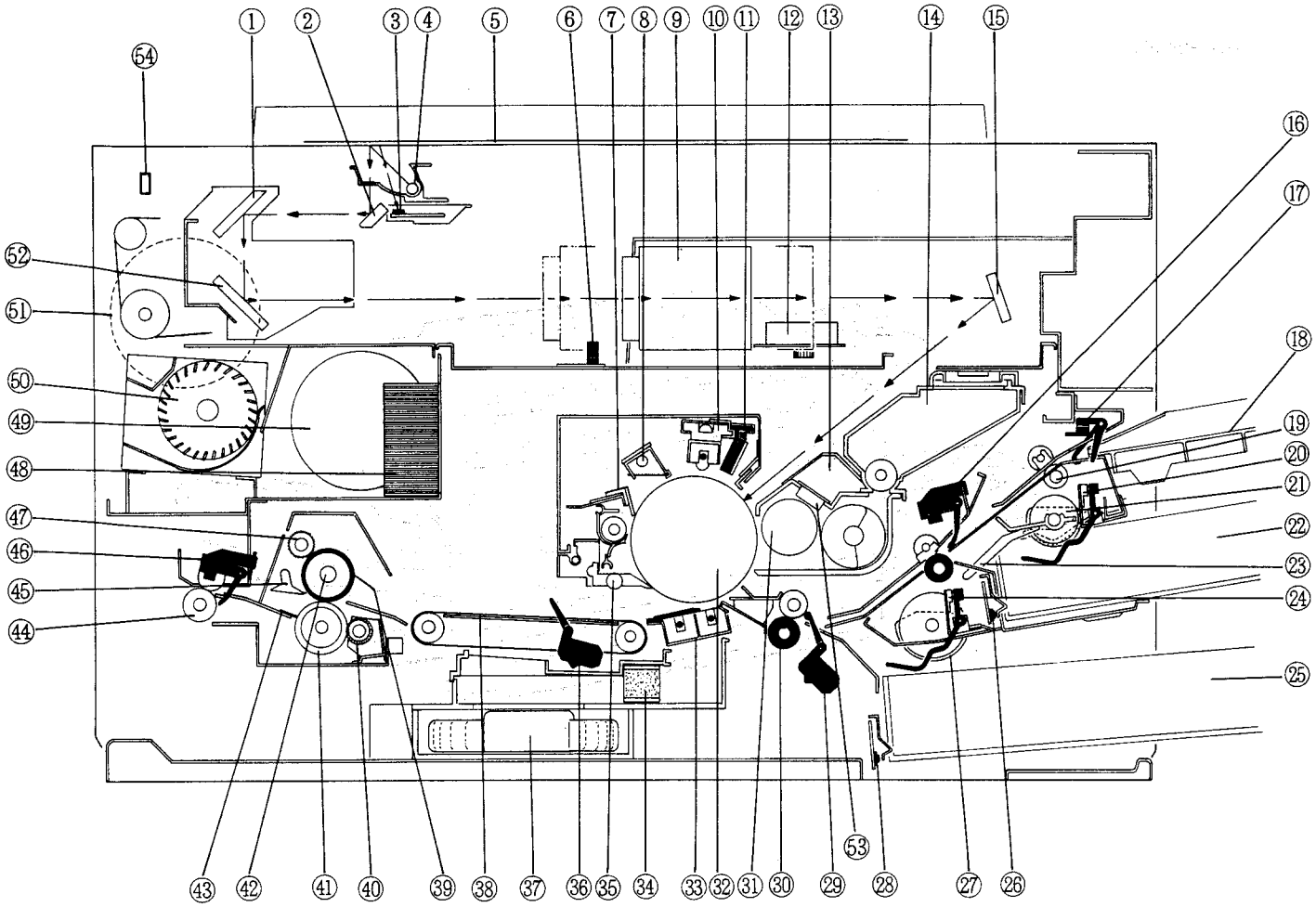
[6] EXTERNAL AND INTERNAL STRUCTURE

1. Appearance



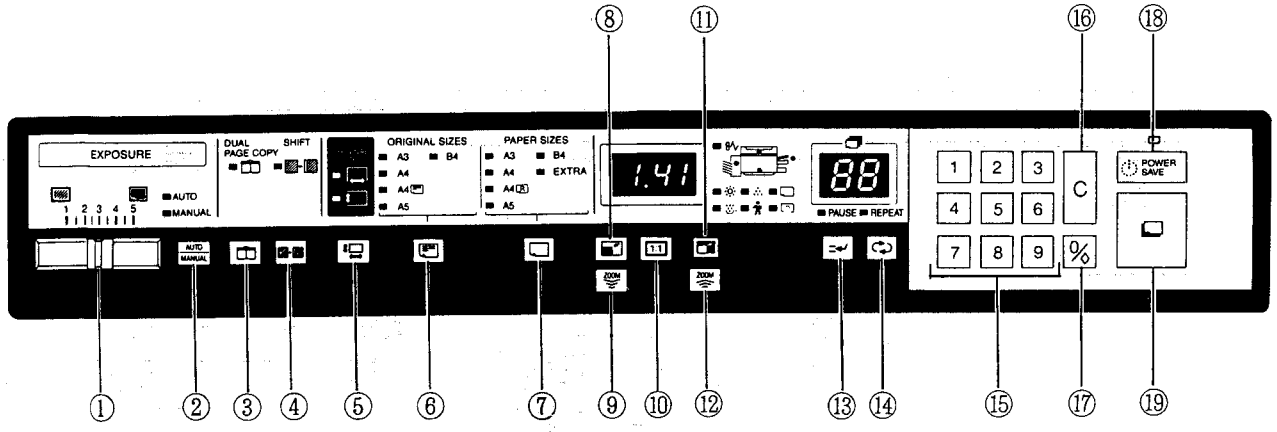
①	Original work table	②	Original cover	③	Original table
④	Manual feed tray	⑤	Cassette (upper: 250 sheets, lower: 500 sheets)	⑥	Carrying handle (one in each corner)
⑦	Color check window	⑧	Operation panel	⑨	Front cover
⑩	Receiving tray	⑪	Clip tray	⑫	POWER switch

2. Internal

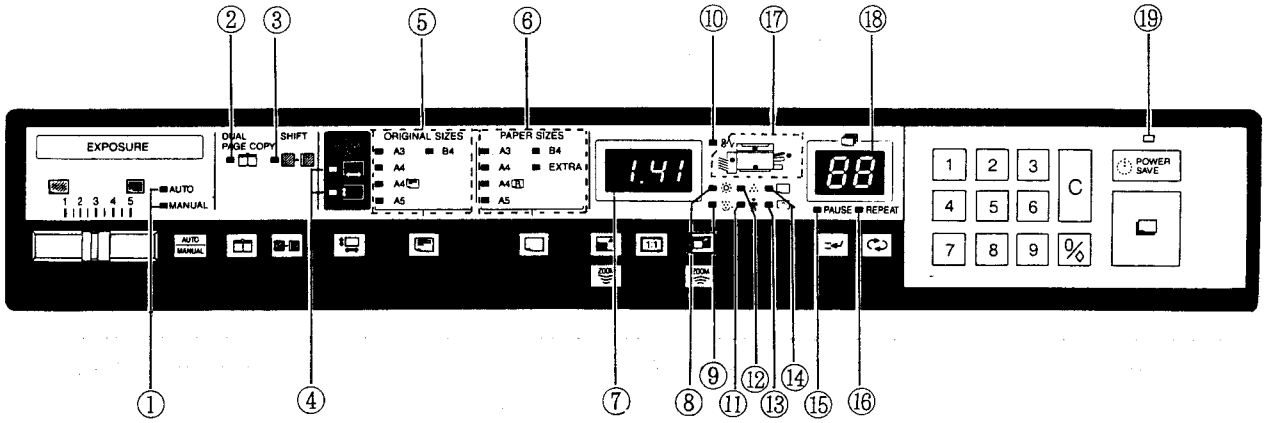


①	#2 mirror	②	#1 mirror	③	Auto exposure (AE) sensor	④	Copy lamp
⑤	Original table	⑥	Lens home position sensor (LHPS)	⑦	Cleaner blade	⑧	Discharge lamp (DL)
⑨	Zoom lens	⑩	Main corona unit (MCU)	⑪	Blank lamp (BL)	⑫	Lens drive motor
⑬	Developing unit	⑭	Toner hopper	⑮	#4 mirror	⑯	Manual feed paper sensor (MS10)
⑰	Manual feed paper empty switch (MFPE SW)	⑱	Manual feed tray	⑲	Manual feed roller	⑳	Upper cassette paper empty switch (UCPE SW)
㉑	Upper cassette paper feed roller	㉒	Upper cassette	㉓	Manual feed gate	㉔	Lower cassette paper empty switch (LCPE SW)
㉕	Lower cassette	㉖	Upper cassette paper size switches (UCSW1-4)	㉗	Lower cassette paper feed roller	㉘	Lower cassette paper size switches (LCSW1-4)
㉙	Paper entry switch (MS1)	㉚	PS roller	㉛	MG roller	㉜	OPC drum
㉝	Transfer/separation corona unit (TCU/SCU)	㉞	Ozone filter	㉟	Drum separator pawl	㊱	Paper Separation switch (MS2)
㊲	Suction fan motor	㊳	Suction belt	㊴	Upper heat roller	㊵	Lower cleaning roller
㊶	Lower heat roller	㊷	Heater lamp	㊸	Lower separator pawl	㊹	Paper delivery roller
㊺	Upper separator pawl	㊻	Paper exit switch (MS3)	㊼	Upper cleaning roller	㊽	Ozone filter
㊾	Main motor	㊿	Cooling fan motor	(51)	Mirror motor	(52)	#3 mirror
(53)	Toner sensor	(54)	Mirror home position sensor (MHPS)				

3. Operation panel



①	Exposure control level	②	Auto/manual exposure select key	③	Dual page copy key
④	Shift key	⑤	Odd size original select key	⑥	Original size key
⑦	Paper size select key	⑧	Reduction (preset) key	⑨	Zoom key (Reduction)
⑩	Normal (1.1) key	⑪	Enlargement (preset) key	⑫	Zoom key (Entargement)
⑬	Pause key	⑭	Repeat key	⑮	Copy number set key
⑯	Clear key	⑰	Zero/copy number recall key	⑱	Power save key
⑲	Print switch				



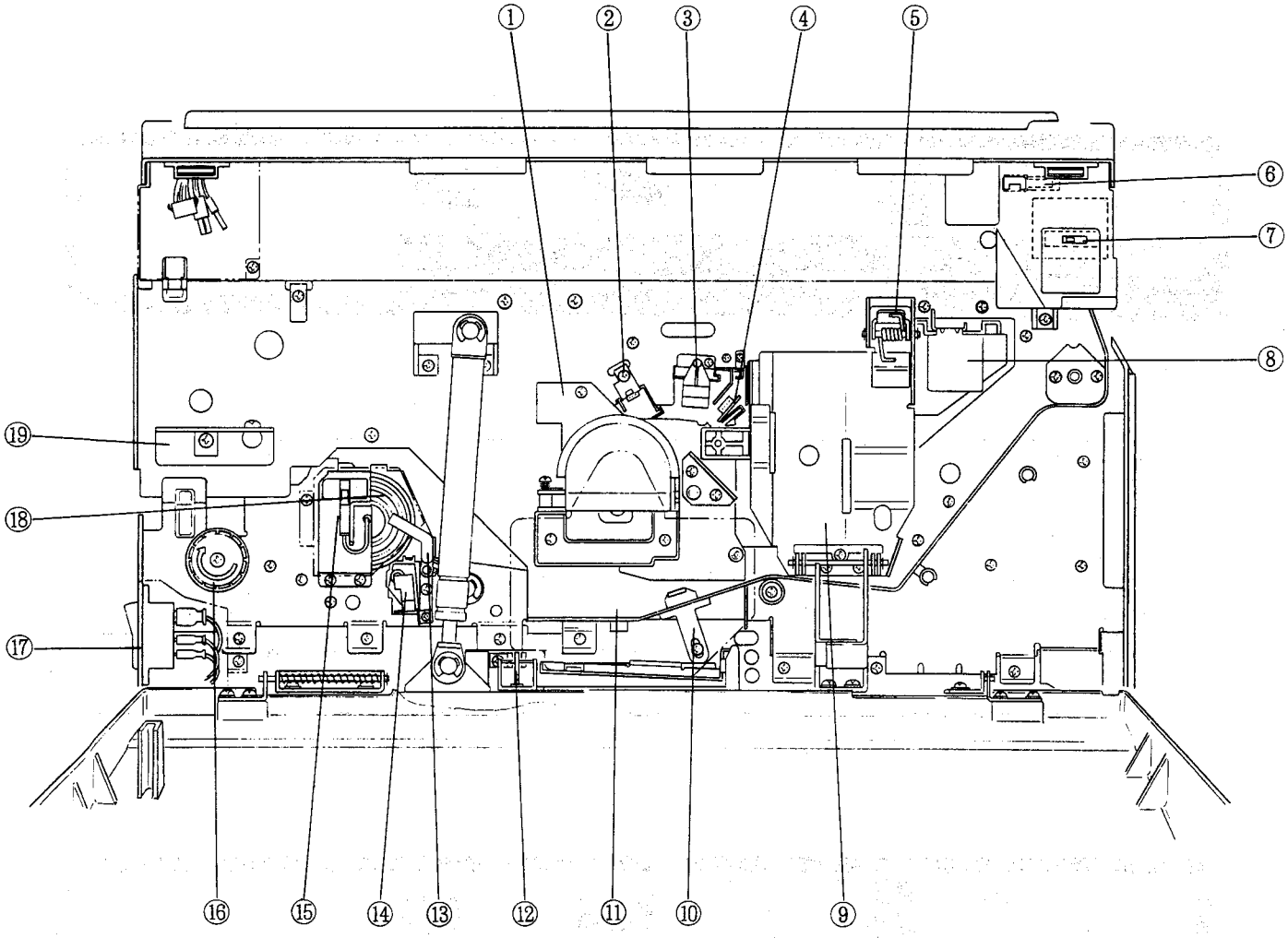
①	Auto/manual exposure mode indicator	②	Dual page mode indicator	③	Shift mode indicator
④	Odd size mode indicator	⑤	Original size indicator	⑥	Paper size indicator
⑦	Copy ratio indicator	⑧	Developer replacement indicator	⑨	Toner collect indicator
⑩	Misfeed indicator	⑪	Enlargement (preset) key	⑫	Toner refill indicator
⑬	Manual feed mode indicator	⑭	Paper empty indicator	⑮	Pause mode indicator
⑯	Repeat mode indicator	⑰	Misfeed loaction indicator	⑱	Copy number indicator
⑲	Power save mode indicator				

Inital settings

- Copy ratio: 1:1
- Automatic exposure
- Copy number: 0
- Dual page, margin shift, repeat, odd size original, and puase are also automatically cancelled.
- Original size indicators: OFF
- Paper size indicators: Lower cassette

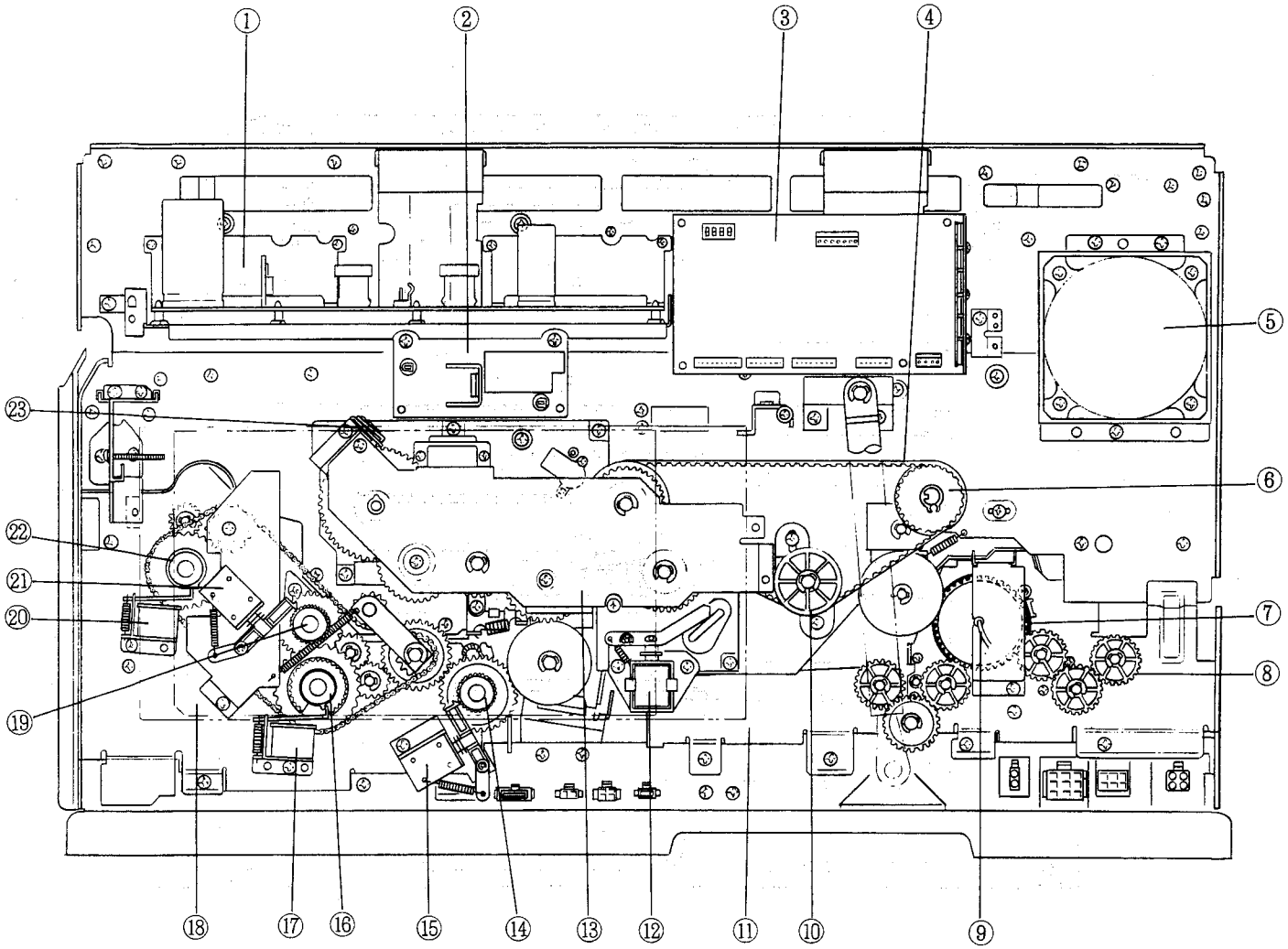
SF-8100 assumes the intial settings when it is first turned on and approximately 1 minute after the last copy is made in any copy mode.

4. Front side



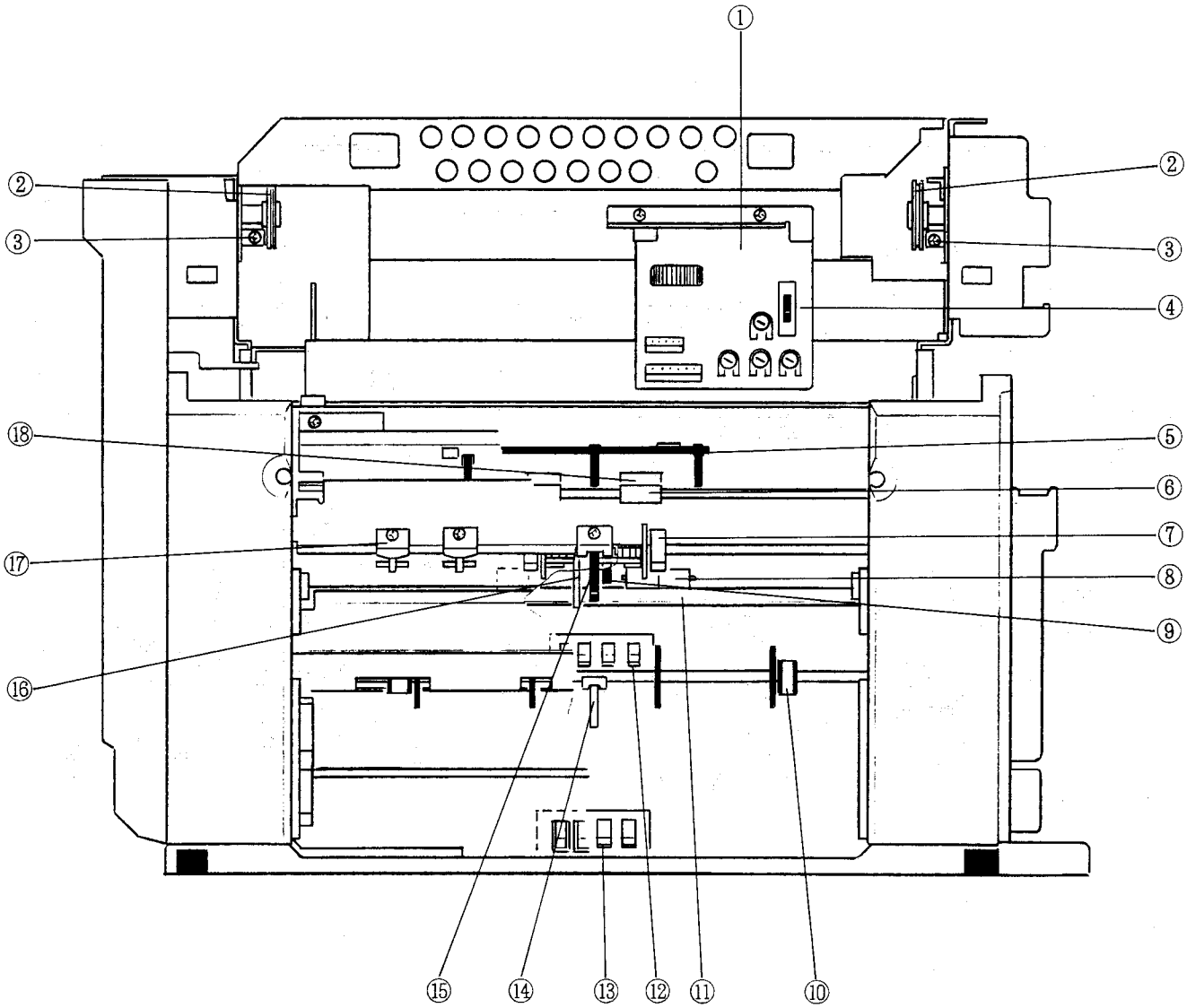
①	Drum unit	②	Discharge lamp	③	Main corona unit (MCU)
④	Blank lamp unit (BL)	⑤	Developing unit cover lock lever	⑥	Doorswitch (DSW)
⑦	Auto exposure correction switch	⑧	Color indication plate	⑨	Developing unit cover
⑩	Transfer/separation corona unit (TCU/SCU)	⑪	Toner collection container	⑫	Full toner sensor (TFS)
⑬	Paper guide adjust lever (Japan only)	⑭	Lower cleaning roller	⑮	Heater lamp
⑯	Fuser roller crank handle	⑰	POWER switch	⑱	Upper heat roller
⑲	Clam shell lever				

5. Rear side



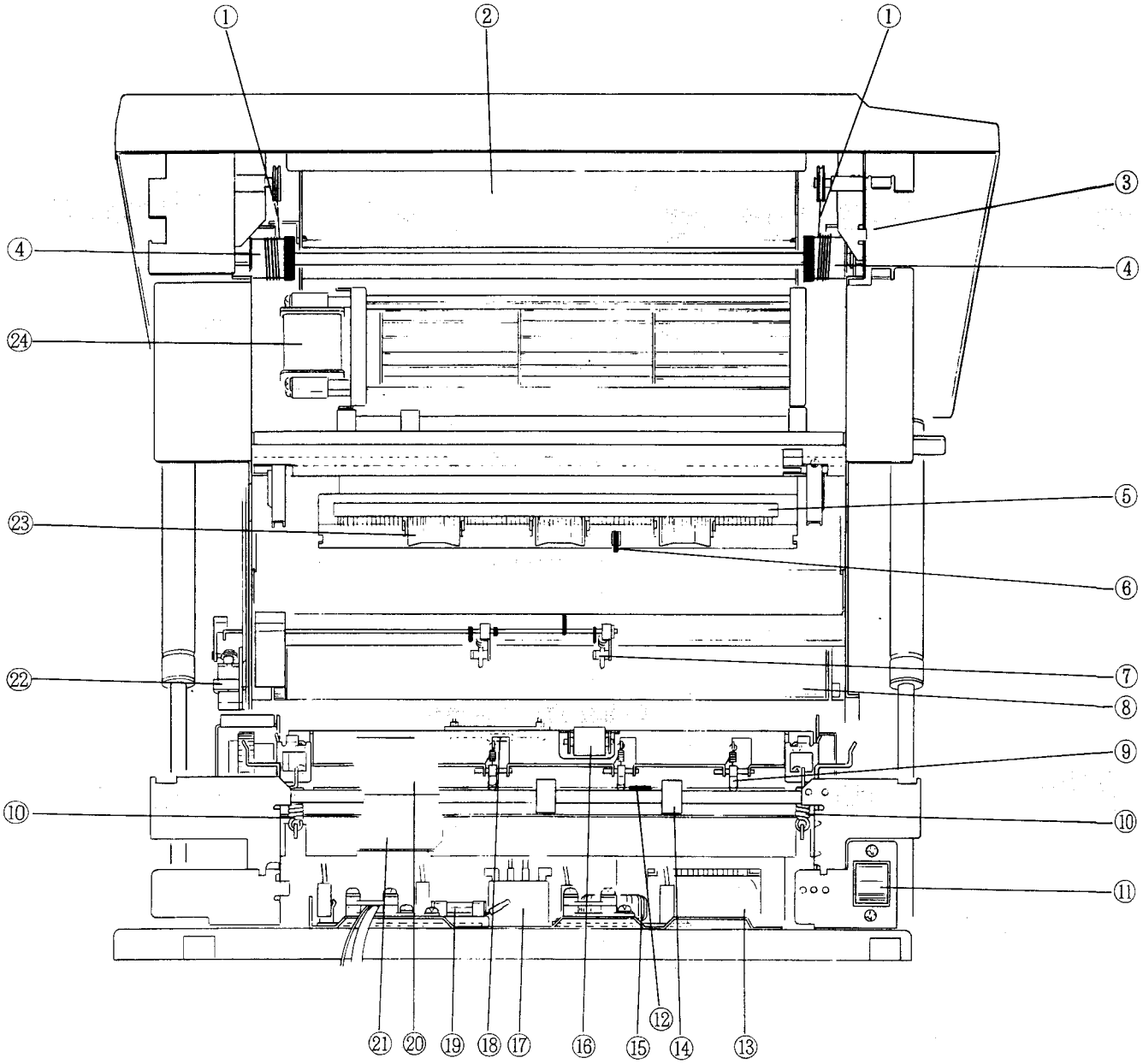
①	DC power supply unit	②	Main high voltage unit (MHVG)/ bias unit	③	Mirror motor control PWB
④	Drive belt	⑤	Mirror motor	⑥	Main motor sprocket
⑦	Upper heat roller	⑧	Paper delivery roller gear	⑨	Heater lamp
⑩	Tension pulley	⑪	Suction unit	⑫	Drum separation pawl drive solenoid (DSS)
⑬	Drive unit	⑭	PSC clutch	⑮	PSC solenoid
⑯	Lower cassette feed roller clutch	⑰	Lower cassette feed clutch solenoid (LCPFS)	⑱	Main PWB
⑲	Transport roller clutch	⑳	Upper cassette feed clutch solenoid (UCPFS)	㉑	Transport roller clutch solenoid (TRS)
㉒	Upper cassette feed roller clutch	㉓	Toner supply clutch solenoid (TSS)		

6. Paper entry side



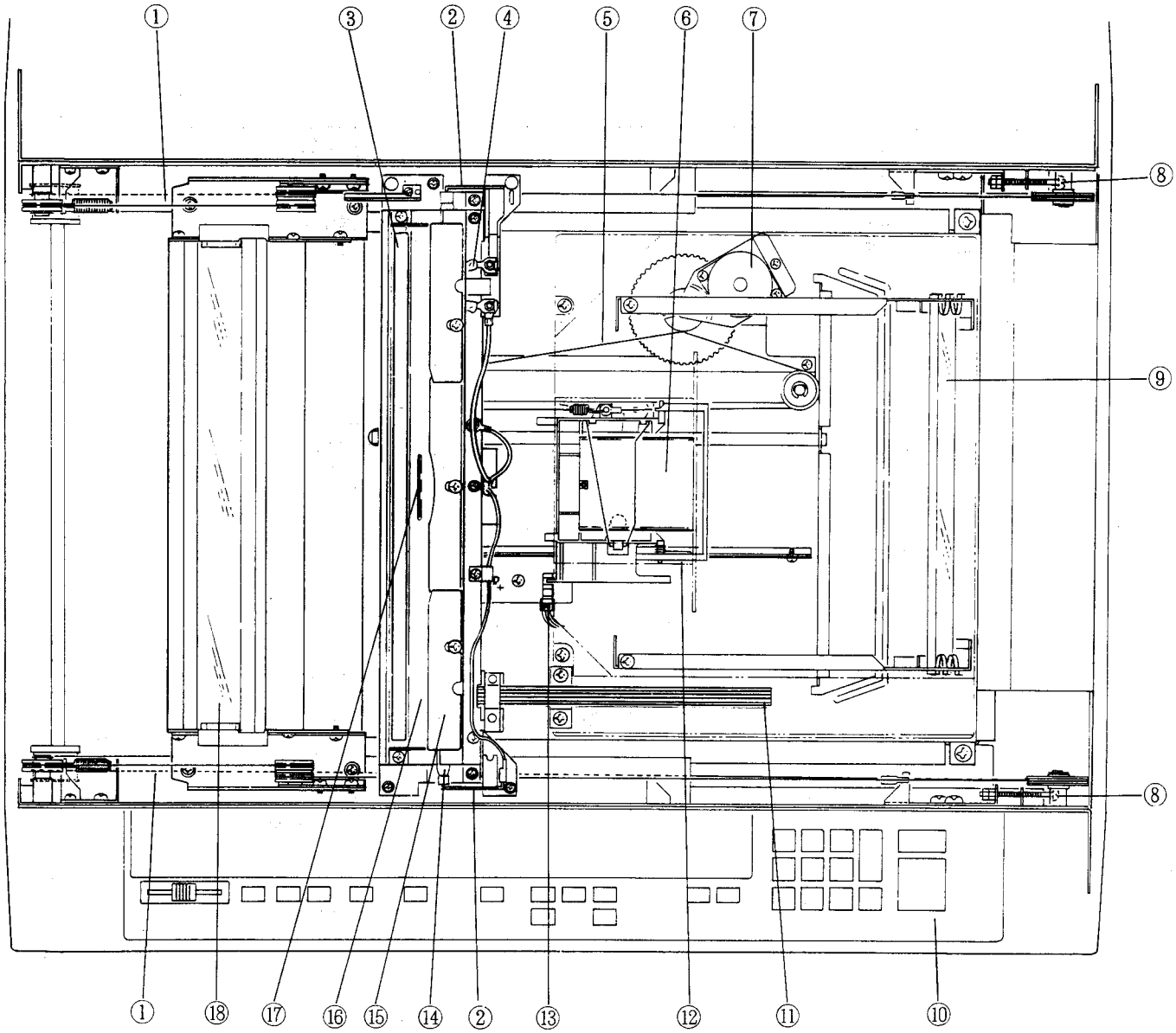
①	Copy lamp control PWB (CL PWB)	②	Mirror base drive wire pulley	③	Mirror base drive wire tension adjust screw
④	Drum sensitivity select switch (DSSW)	⑤	Manual feed paper empty actuator (MFPESW)	⑥	Manual feed roller
⑦	Upper cassette feed roller	⑧	Transport idler roller	⑨	Manual feed paper entry actuator (MS10)
⑩	Lower cassette feed roller	⑪	Transport roller	⑫	Upper cassette size sense switch (UCSW1-4)
⑬	Lower cassette size sense switch (LCSW1-4)	⑭	Lower cassette paper empty actuator (LCPESW)	⑮	Upper cassette paper empty actuator (UCPESW)
⑯	Manual feed gate	⑰	Paper limiter	⑱	Manual feed idler roller

7. Paper exit side



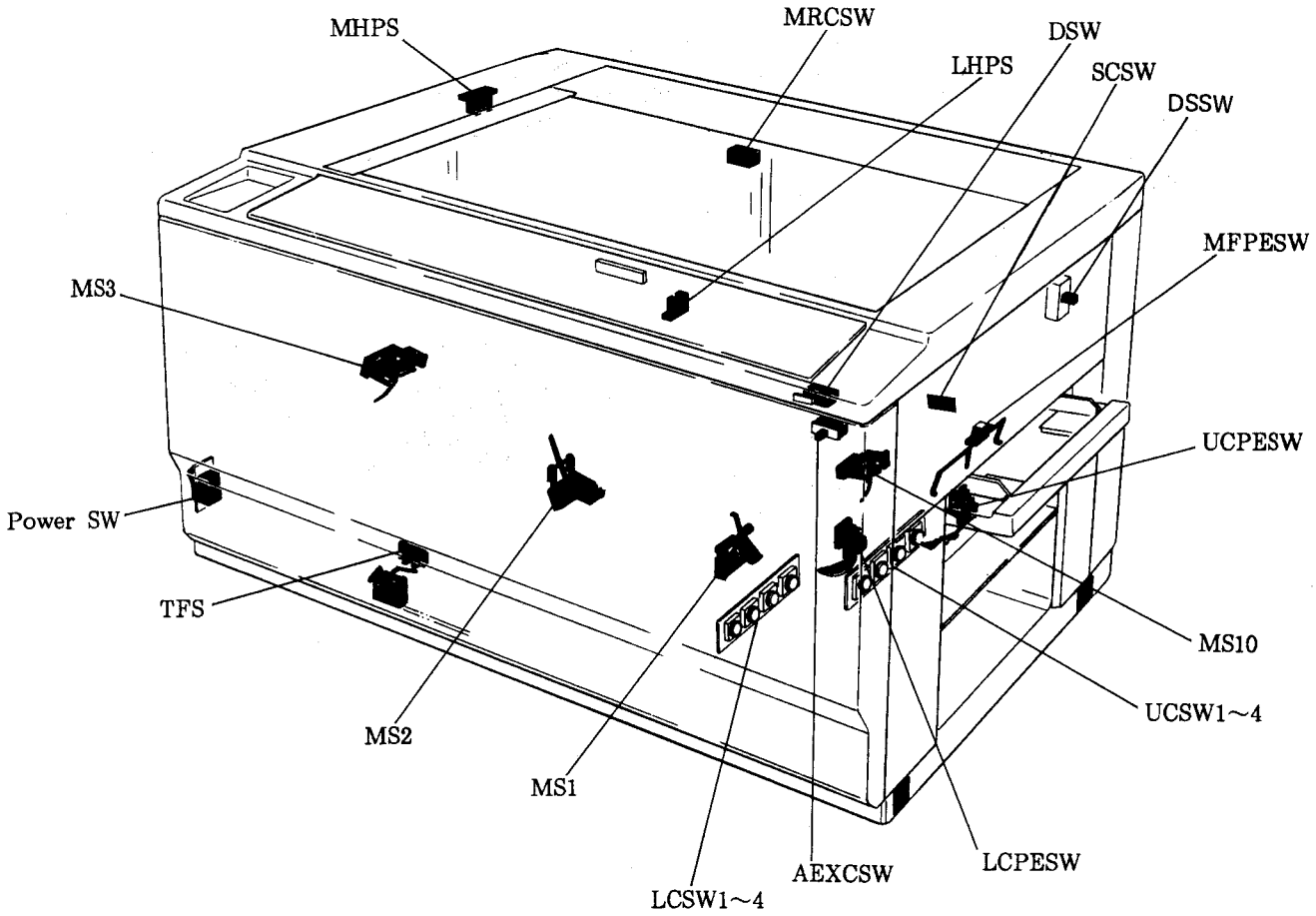
①	Mirror base drive wire	②	Mirror base	③	Personal counter connector
④	Mirror base drive pulley	⑤	Discharge brush	⑥	Paper exit actuator (MS3)
⑦	Drum separator pawl	⑧	Drum	⑨	Upper heat roller separator pawl
⑩	Heat roller tension spring	⑪	POWER switch	⑫	Lower heat roller separator pawl
⑬	Power transformer	⑭	Paper delivery roller	⑮	Noise filter
⑯	Upper cleaning roller	⑰	Power relay	⑱	Thermal fuse (182°C 10A)
⑲	Power fuse	⑳	Upper heat roller	㉑	Lower heat roller
㉒	Drum separator pawl solenoid (DDS)	㉓	Paper-exit idler roller	㉔	Cooling fan motor (CFM)

8. Top view



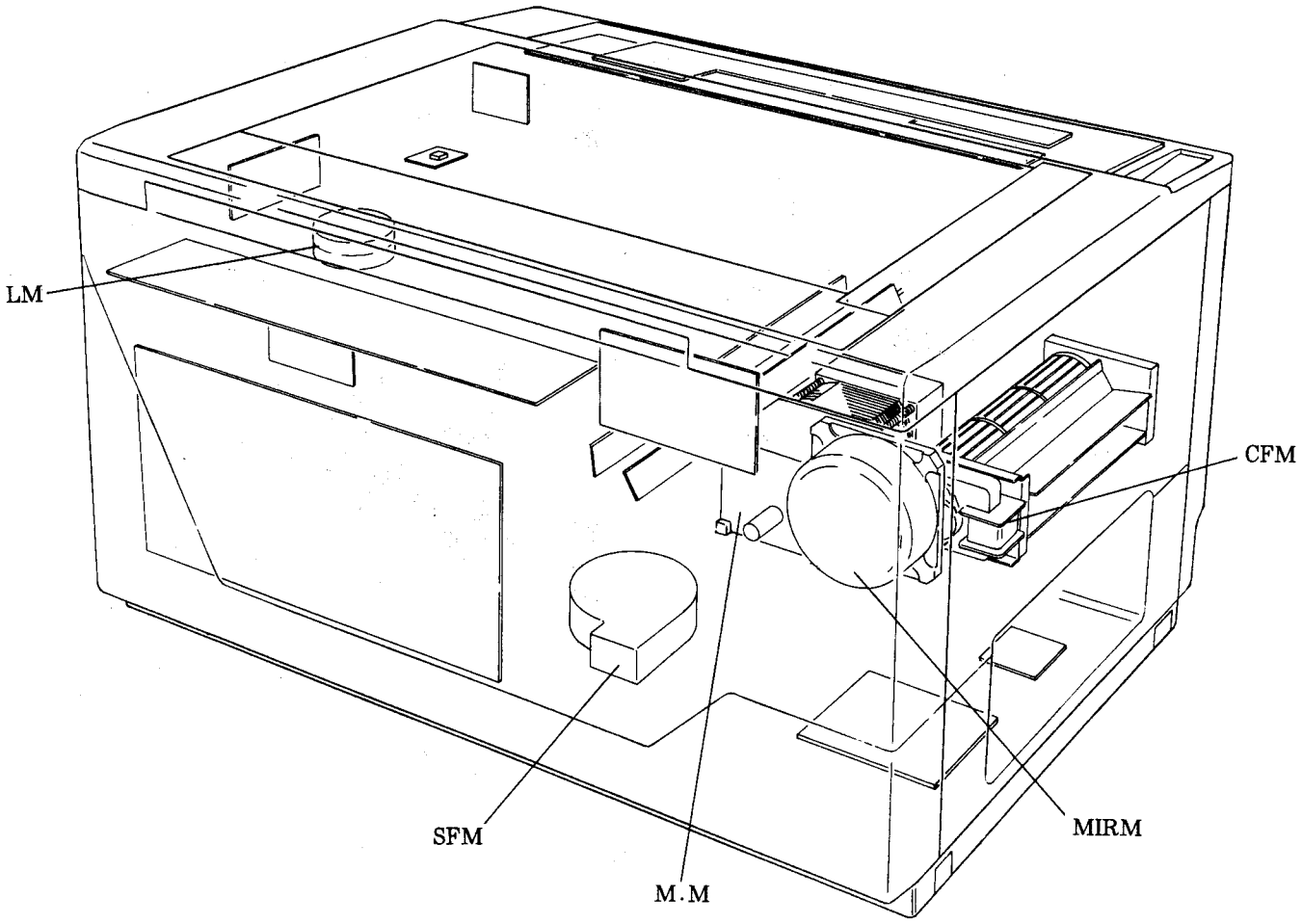
①	Mirror base drive wire	②	Copy lamp electrode	③	#1 mirror
④	Thermal fuse (126°C) 10A	⑤	Lens drive wire	⑥	Zoom lens
⑦	Lens drive motor	⑧	Wire tension adjust screw	⑨	#4 mirror
⑩	Operation panel	⑪	CL harness	⑫	Exposure correction plate
⑬	Lens home position sensor (LHPS)	⑭	Copy lamp	⑮	Exposure correction plate
⑯	Reflector	⑰	Auto exposure (AE) sensor	⑱	#2 mirror

9. Switch and sensor locations and functions



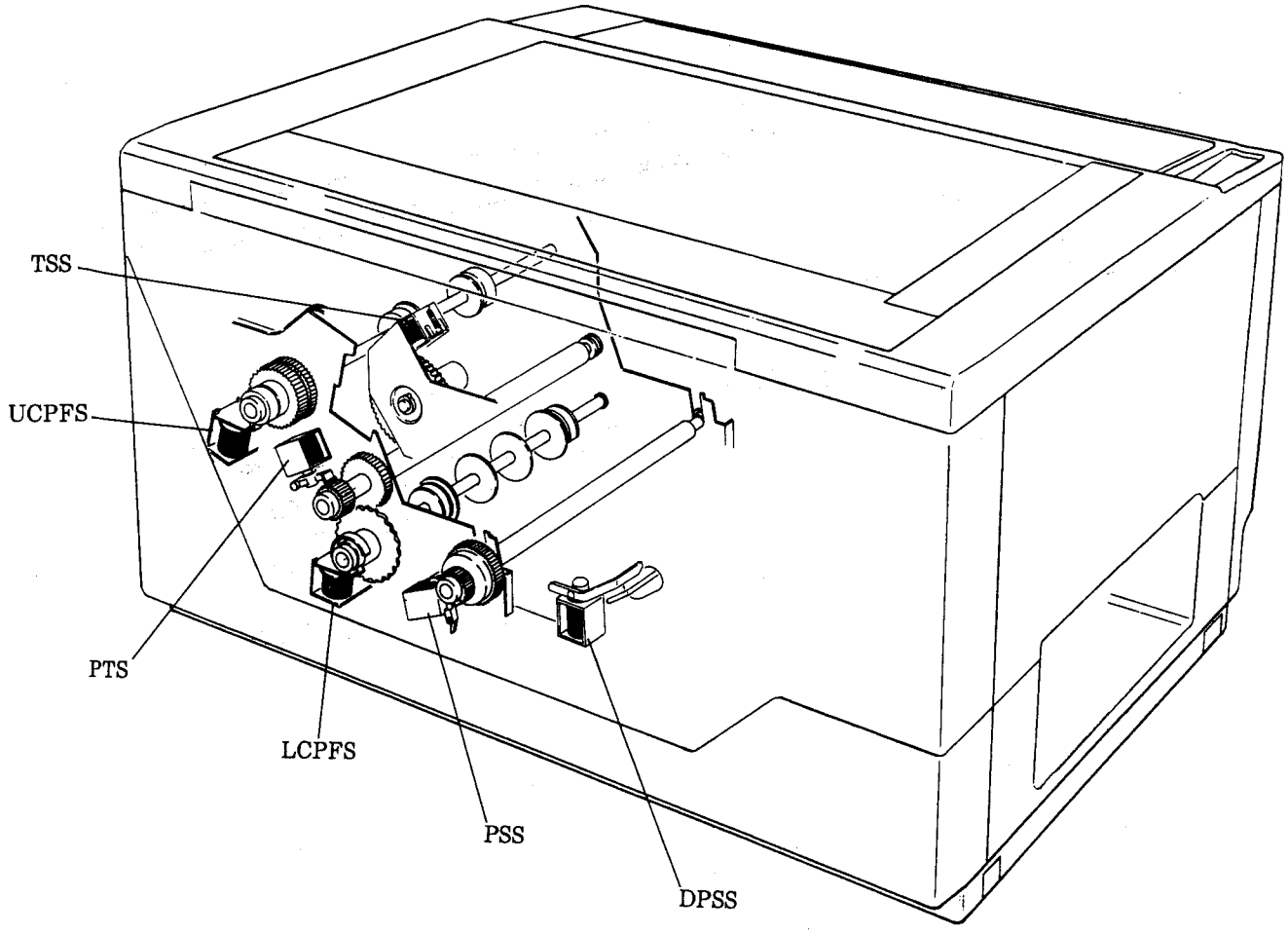
Switch name	Type	Function
MS1	Reed switch	Paper entry sensor
MS2	Reed switch	Paper separation sensor
MS3	Reed switch	Paper exit sensor
MS10	Reed switch	Manual feed paper sensor
MHPS	Photoswitch	Mirror home position sensor
LHPS	Photoswitch	Lens home position sensor
UCSW1-4	Push button switch	Upper cassette size sensor
LCSW1-4	Push button switch	Lower cassette size sensor
POWER SW	See-saw switch	Power switch
DSSW	Slide switch	CL output voltage select switch
AEXCSW	Slide switch	Automatic exposure correction switch
DSW	Microswitch	Turns off when the front cover is open.
MFPESW	Reed switch	Manual feed paper empty sensor
UCPESW	Reed switch	Upper cassette paper empty sensor
LCPESW	Reed switch	Lower cassette paper empty sensor
TFS	Photoswitch	Full toner collector container sensor
MRCSW	Dip switch	Copy magnification ratio correction switch
SCSW	Dip switch	Specification select switch (main PWB)

10. Motor



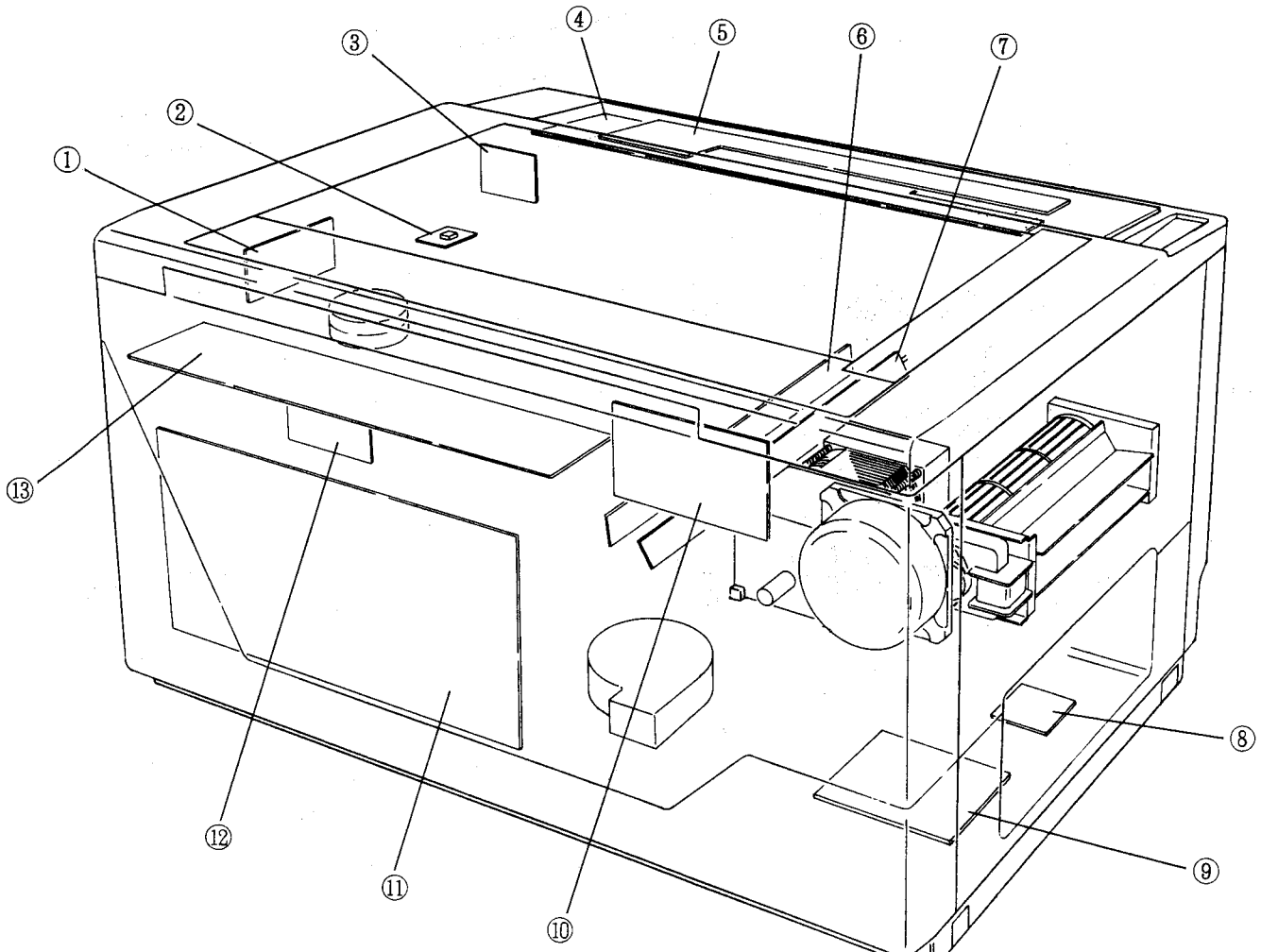
Motor name	Type	Function
LM	Stepping motor	Moves the lens to the position.
SFM	AC induction motor	Attaches the copy paper to the carrying belt. Exhaust ozone.
MM	AC synchronous motor	Drives the developing unit, fuser roller, paper feed rollers.
MIRM	DC brushless motor	Drives the mirror base.
CFM	AC induction motor	Cooling. Ventilation

11. Solenoids



Solenoid name	Function
TSS	Toner supply clutch solenoid
UCPFS	Upper cassette feed clutch solenoid
PTS	Paper transport roller clutch solenoid
LCPFS	Lower cassette feed clutch solenoid
PSS	PS roller clutch solenoid
DPSS	Drum separator pawl drive solenoid

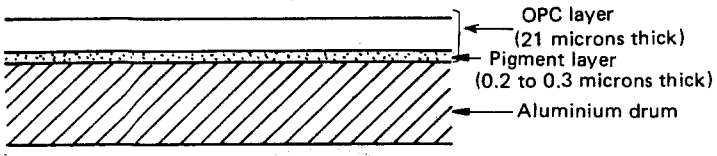
12. Printed circuit boards

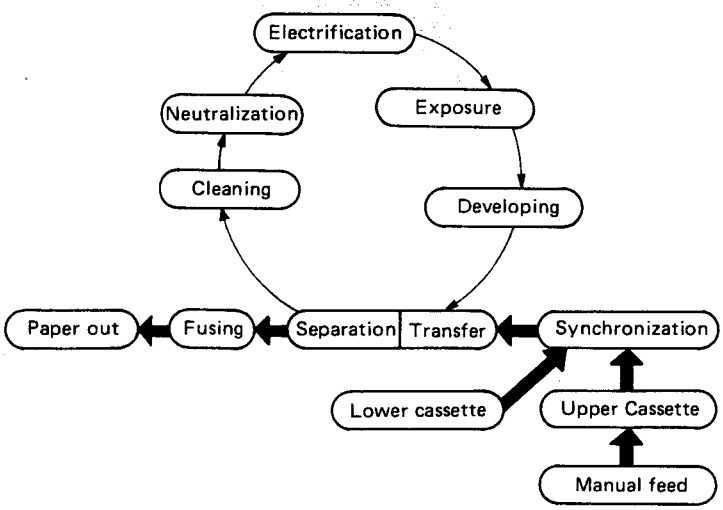


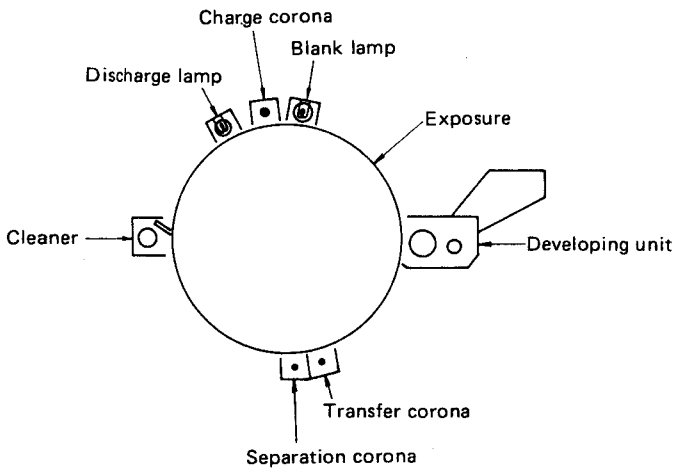
① CL PWB
② AE sensor PWB
③ AE correction switch PWB
④ Display PWB
⑤ Operation PWB
⑥ Blank lamp PWB
⑦ Discharge lamp PWB
⑧ Noise filter PWB
⑨ Relay PWB
⑩ Mirror motor control PWB
⑪ Main PWB
⑫ MHVG/bias PWB
⑬ DC power supply PWB

[7] THE SF-8100 COPY PROCESS

1. FUNCTIONAL DIAGRAM

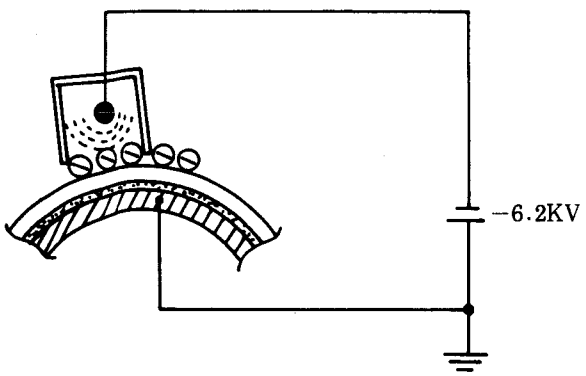




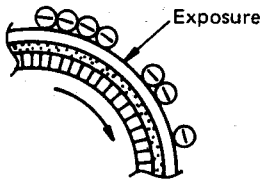


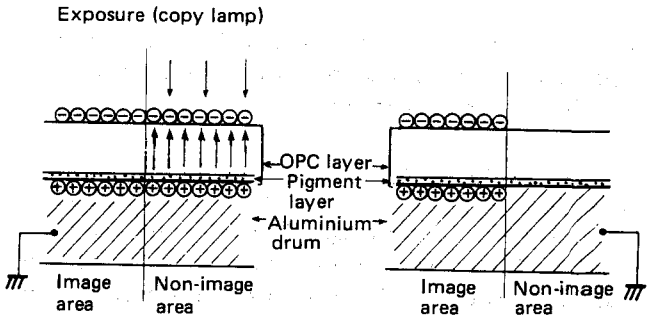
2. THE BASIC COPY PROCESS

Step 1. DC charge (–6.2KVDC640μA)
A uniform negative charge is applied over the OPC drum surface by the negative discharge from the main corona unit.



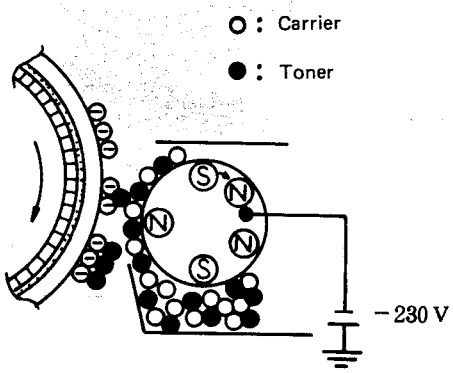
Step 2. Exposure (copy lamp, mirrors, and lens)
Light from the copy lamp, reflected from the original, is projected onto the drum surface through the mirrors and lens. The resistance of the OPC layer decreases for an area exposed by the light (corresponding to the light area of the original). The light neutralizes the negative charge. The dark areas of the original do not reflect the light and an electrostatic latent image is formed on the drum surface.



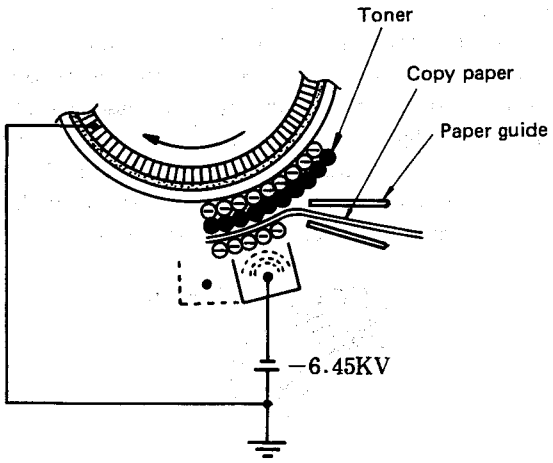


In the reduction mode, the area outside of the original image area is neutralized by the BL (blank lamp) prior to exposing.

Step 3. Developing (–230V bias)
The electrostatic latent image is converted into a visible image by the toner. A bias potential of –230V is applied to the carrier (MG roller) in the two component magnetic brush developing method, and the toner is charged positive through friction with the carrier.

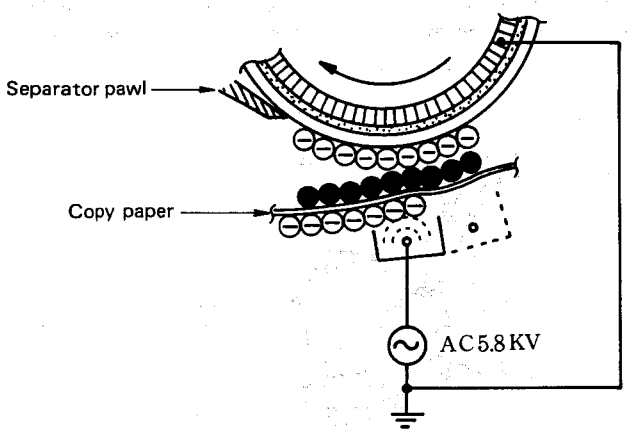


Step 4. Transfer (–6.45KVDC, 460μA)
The visible image on the drum surface is transferred onto the copy paper by applying a negative charge from the transfer corona to the back of the copy paper.

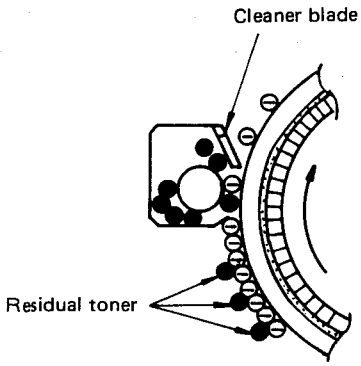


A bias potential of −400 to −500V DC is applied to the upper and lower paper guides to prevent a loss of image transfer in very humid conditions.

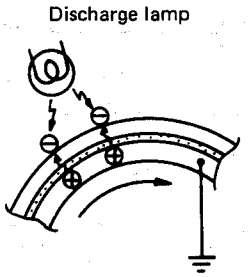
Step 5. Separation (5.8KVAC, 800μA)
Both the copy paper and the drum are charged negatively after the transfer of the image. However an attraction force remains between the copy paper and the drum because the negative potential of the copy paper is higher than the negative potential on the drum. AC charge is applied to the copy paper by the separation corona unit to reduce the potential of the copy paper to the same level as the drum surface. Eliminating the attraction force allows the copy paper to separate from the drum by the rigidity of the paper alone. Should the separation corona fail to operate, the copy paper will be separated by the two separator pawls.



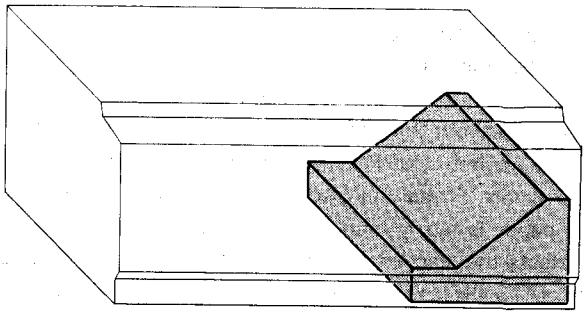
Step. 6 Cleaning
Toner remaining on the drum is collected by the cleaner blade and deposited in the toner collecting container.



Step. 7 Discharge
Light from the discharge lamp exposes the drum surface and reduces the electrical resistance in the OPC layer. This removes the residual surface charge.



[8] PAPER FEED UNIT



1. Features of the paper feed unit

Type of paper applicable for cassette feeding: 15 lbs. (56g/m^2) to 21 lbs (80g/m^2)

Type of paper applicable for manual feeding: 13.8 lbs. (52g/m^2) to 34 lbs. (128g/m^2) for paper 8-1/2" x 11" to 11" x 17" (A6 to A3). However, paper exceeding 105g/m^2 (28 lbs.) is limited to 8-1/2" x 11" or 8-1/2" x 5-1/2" (A4 or A6).

NOTE: Special A4 paper must be fed longitudinally.

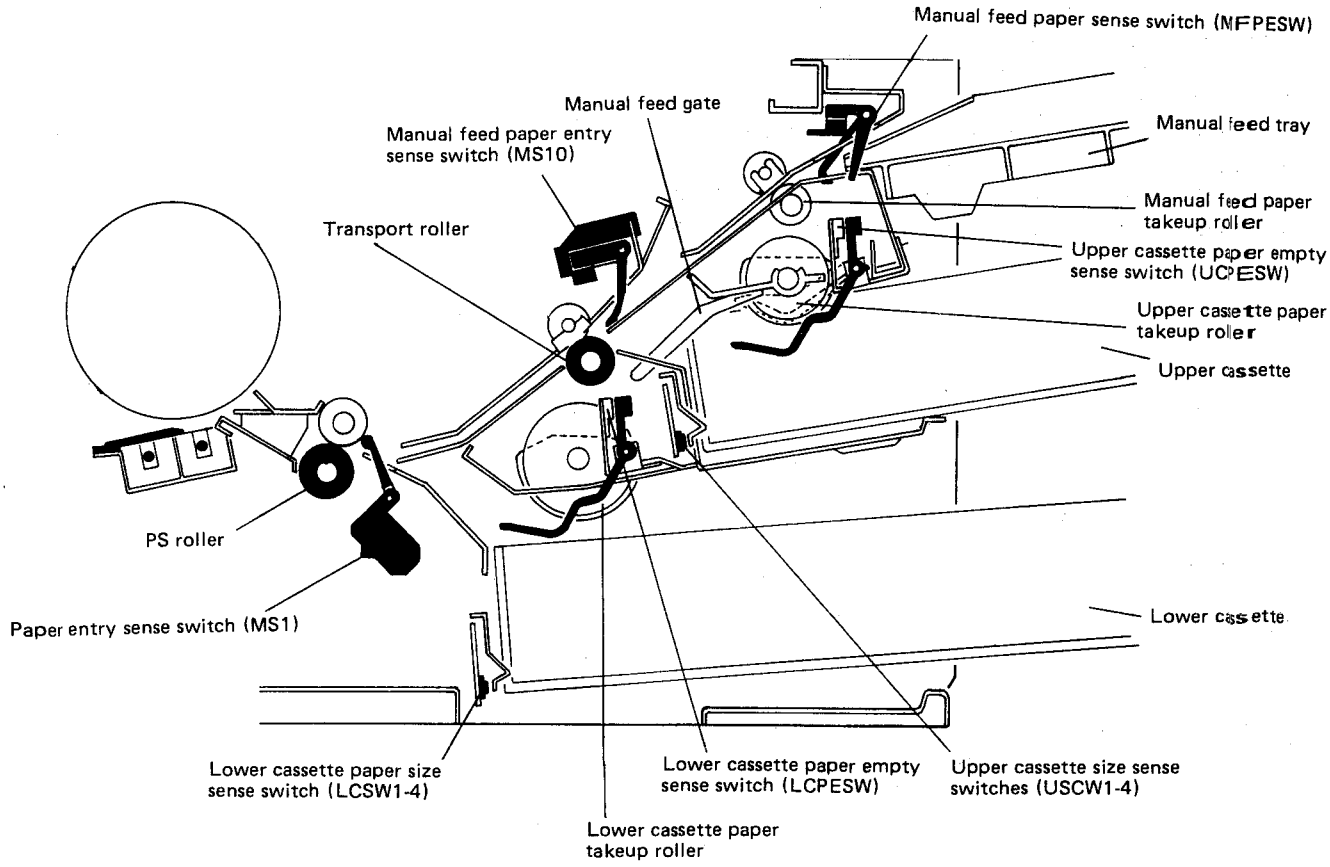
Manual feed tray (top tray).

Must be used for single sheet feeding only.

250 sheet cassette (top cassette).

500 sheet cassette (lower cassette).

(Applicable only for 8-1/2" x 11" (A4) and (B5)).

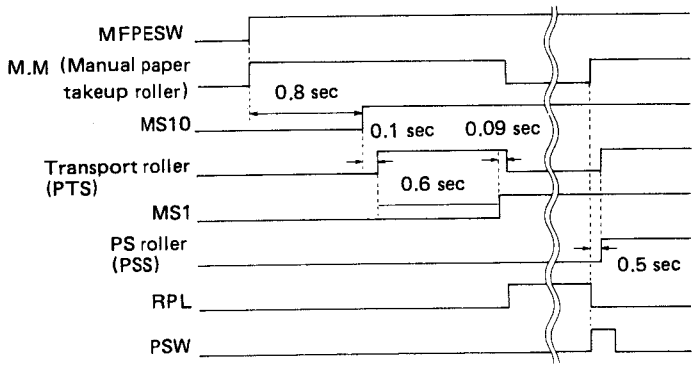

Manual feed paper sense switch (MFPESW)
Manual feed gate
Manual feed paper entry sense switch (MS10)
Manual feed tray
Manual feed paper takeup roller
Transport roller
Upper cassette paper empty sense switch (UCPESW)
Upper cassette paper takeup roller
Upper cassette
PS roller
Paper entry sense switch (MS1)
Lower cassette
Lower cassette paper size sense switch (LCSW1-4)
Lower cassette paper empty sense switch (LCPESW)
Upper cassette size sense switches (USCW1-4)
Lower cassette paper takeup roller

2. Paper feed operations

(1) Manual paper feed operation

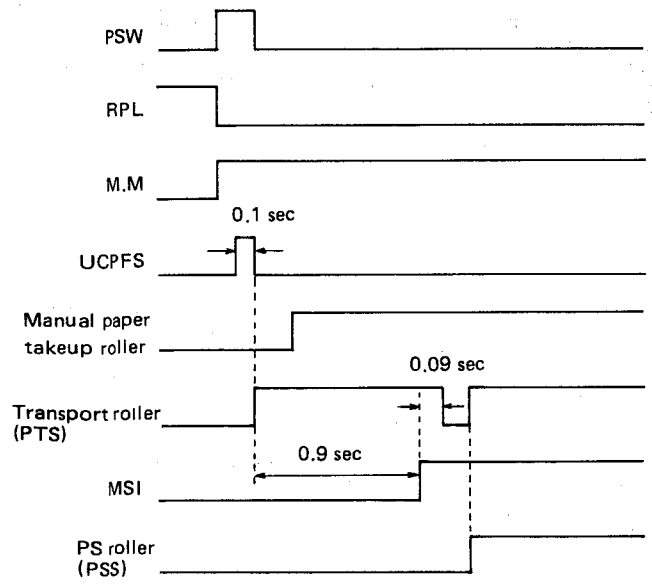
Action takes place in the following sequence:

Paper set on the manual feed tray → manual feed paper sense switch (MFPESW) actuates → main motor (MM) turns on → manual paper takeup roller starts to rotate → paper is fed → manual paper entry sense switch (MS10) detects the lead edge of the paper → transport roller actuates (PTS ON) → paper entry senser switch (MS1) detects the lead edge of the paper → transport roller stops (PTS OFF) → buckle caused in the paper as the lead edge of the paper hits the PS roller → main motor turns off → READY lamp turns on → press the PSW → main motor starts to run → PS roller rotates (PSS OFF) → transport roller rotates (PTS ON) → paper carried into the machine.



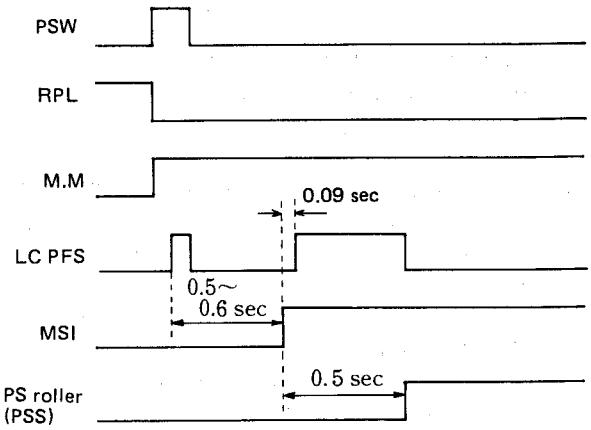
(2) Upper cassette feed operation

Print switch actuation → main motor turns on → upper cassette paper takeup roller rotates (UCPFS ON) → paper is fed → manual feed gate opens → feed roller rotates (PTS ON) → paper entry sense switch (MS1) detects the lead edge of paper → buckle caused in the paper as the lead edge of paper hits the PS roller → transport roller stops (PTS OFF) → PS roller rotates (PSS ON) → transport roller rotates (PTS ON) → paper taken up into the machine.



(3) Lower cassette feed operation

Print switch actuation → main motor turns on → lower cassette paper takeup roller rotates (LCPFS ON) → paper is fed → paper entry sense switch (MS1) detects the lead edge of paper → buckle caused in the paper as the lead edge of paper hits the PS roller → lower cassette paper takeup roller stops (LCPFS OFF) → PS roller rotates (PSS ON) → transport roller rotates (PTS ON) → paper taken up into the machine.



(4) Function of the manual feed gate

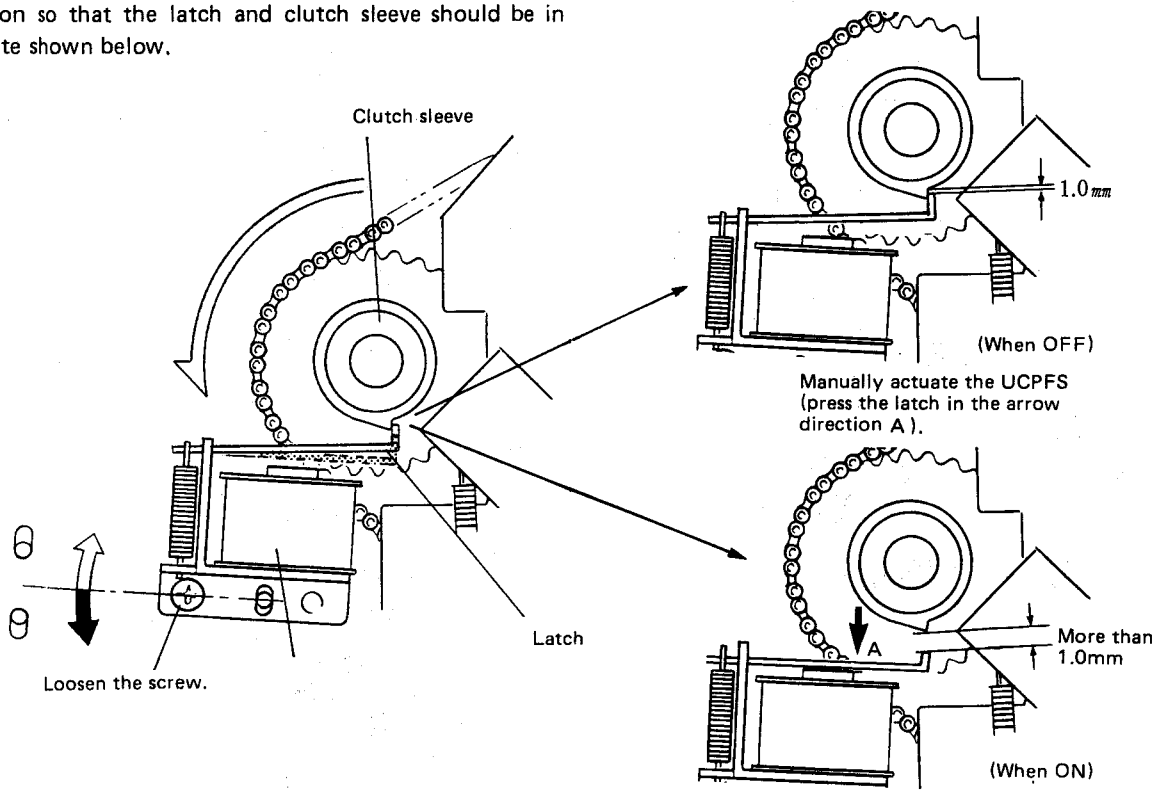
When paper is fed from the upper cassette, the manual feed gate is lifted open by the paper so that the manual feed path is closed by the gate. This prohibits paper to feed from the manual feed tray while feeding paper from the upper cassette.

3. Adjustments

(1) Clutch solenoid location

A. Upper cassette paper takeup roller clutch solenoid (UCPFS)

Loosen the UCPFS holding screw. Move it in the arrow direction so that the latch and clutch sleeve should be in the state shown below.

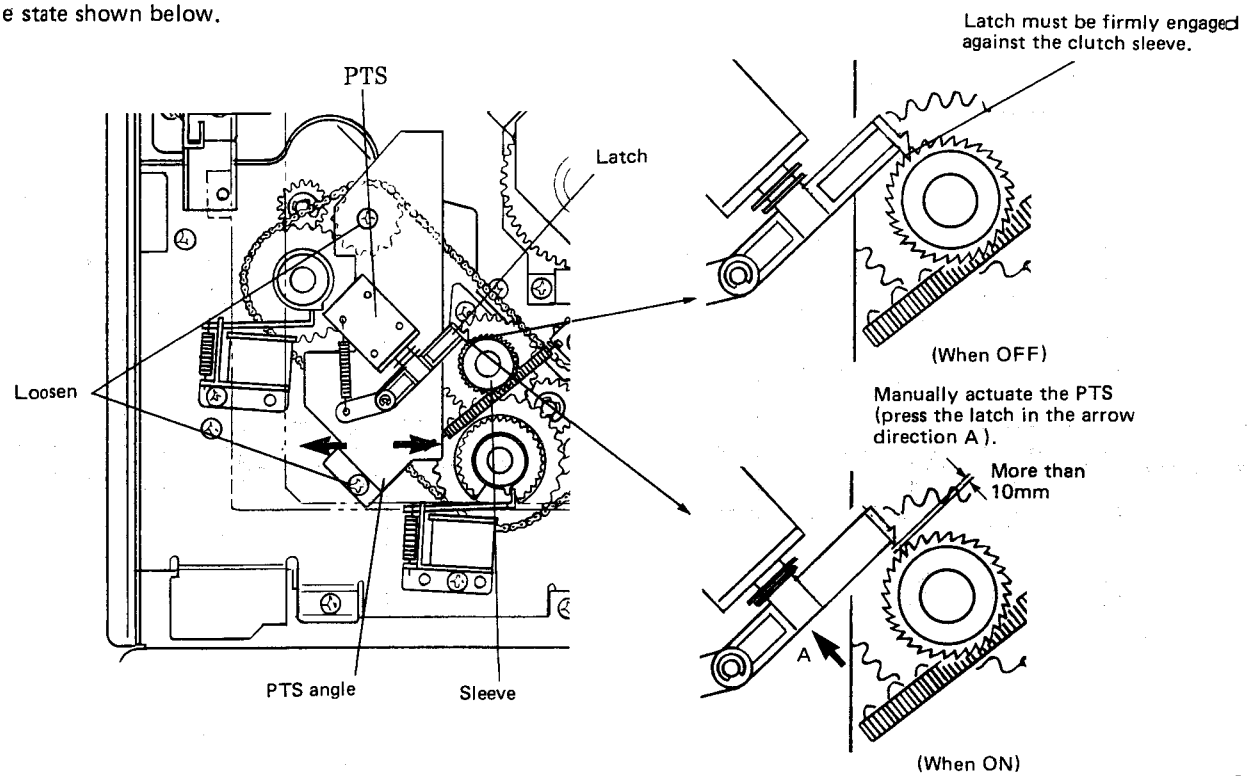


B. Lower cassette paper takeup roller clutch solenoid (LCPFS)

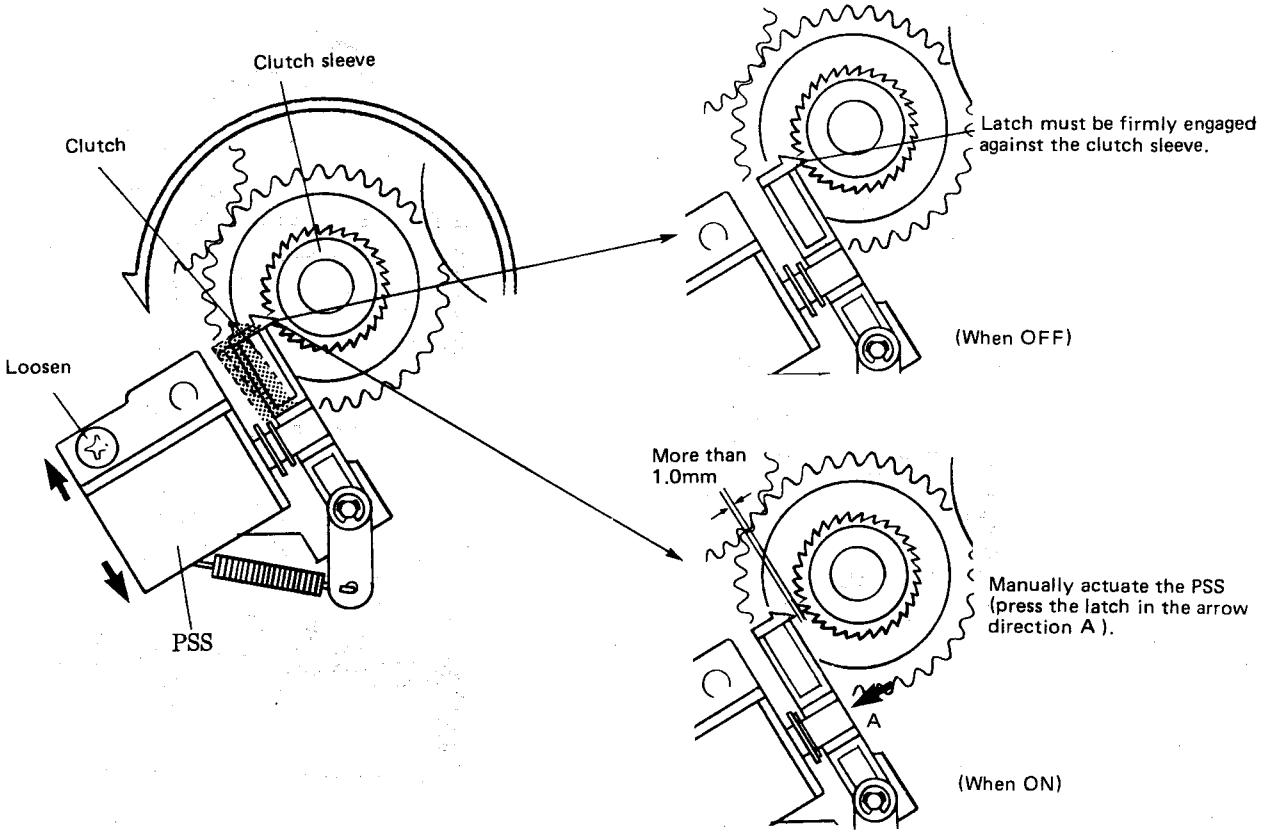
Adjustment is not required.

C. Feed roller clutch solenoid (PTS)

Loosen the two screws of the PTS angle. Move it in the arrow direction so that the latch and clutch sleeve should be in the state shown below.

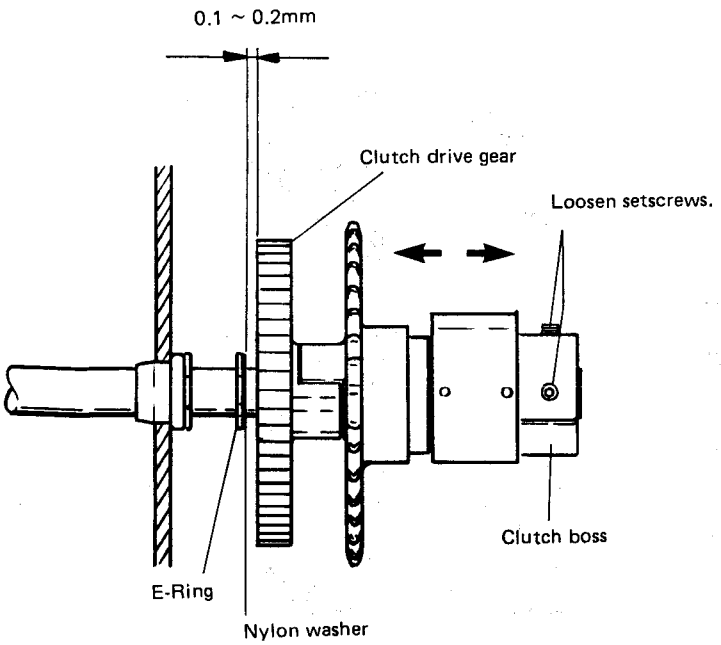


D. PS roller clutch solenoid (PSS)
Loosen the PSS holding screw. Move the PSS in the arrow direction so that the latch and clutch sleeve should be in the state shown below.

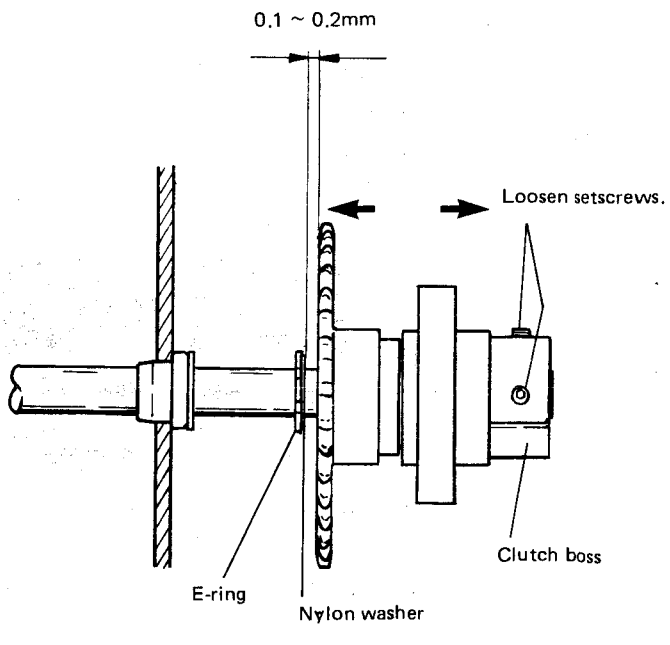


(2) Clutch end play adjustment
Loosen the clutch boss setscrews. Move the whole clutch unit to obtain a measurement of 1 to 2mm between the nylong washer the clutch drive gear to adjust.

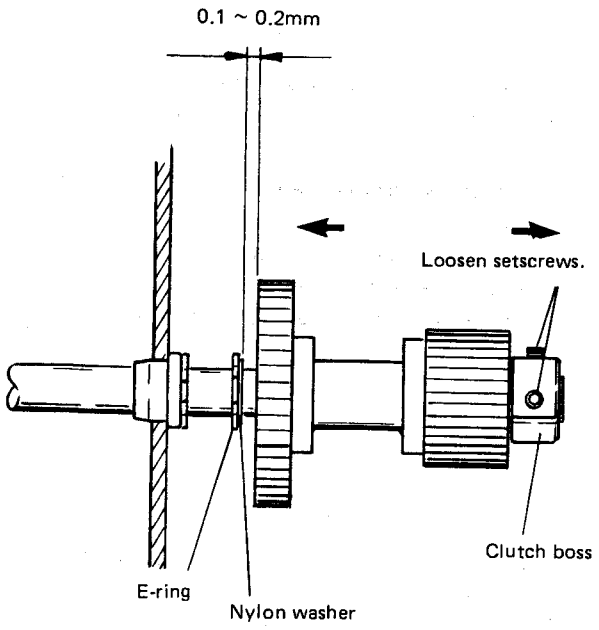
A. Upper cassette paper takeup roller clutch



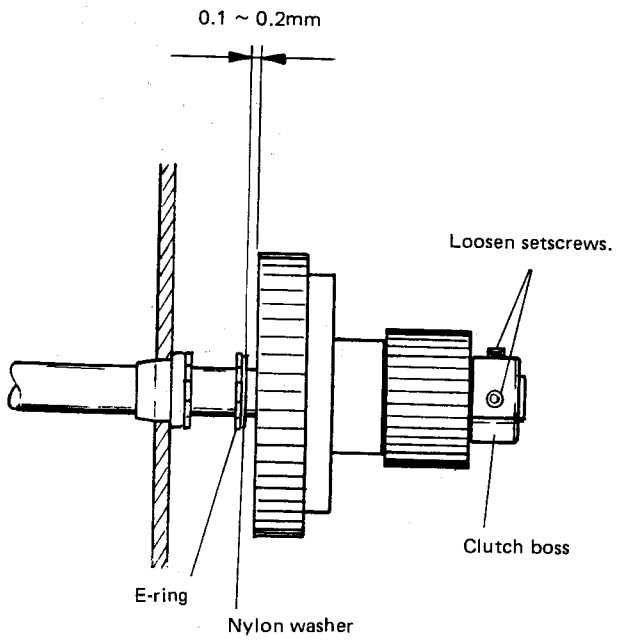
B. Lower cassette paper takeup roller clutch



C. Feed roller clutch



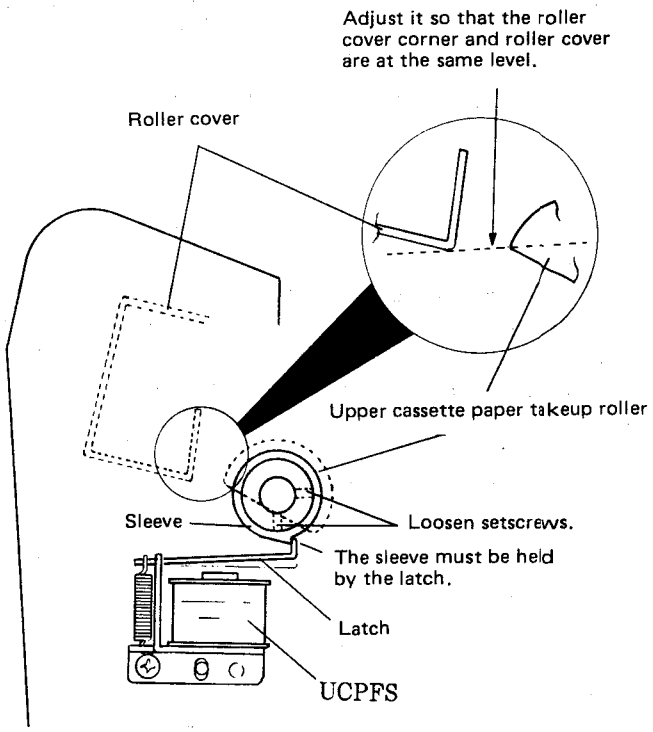
D. PS roller clutch



(3) Takeup roller angular adjustments

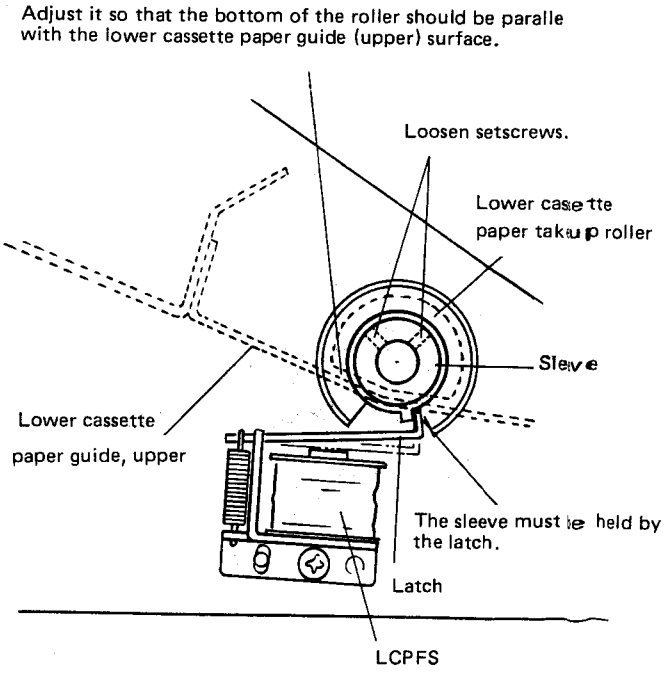
A. Upper cassette paper takeup roller

Loosen the two setscrews in the clutch boss with the UCPFS latch engaged on the clutch sleeve. Rotate and adjust the roller so that roller and the roller cover are in the state shown below.


Adjust it so that the roller cover corner and roller cover are at the same level.
Roller cover
Upper cassette paper takeup roller
Sleeve
Loosen setscrews.
The sleeve must be held by the latch.
Latch
UCPFS

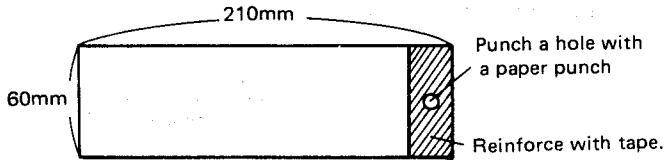
B. Lower cassette paper takeup roller

Loosen the two setscrews in the clutch boss with the LCPFS latch engaged on the clutch sleeve. Rotate the lower feed rollers until they are parallel with the lower cassette upper paper guide.


Adjust it so that the bottom of the roller should be paralle with the lower cassette paper guide (upper) surface.
Loosen setscrews.
Lower cassette paper takeup roller
Sleeve
Lower cassette paper guide, upper
The sleeve must be held by the latch.
Latch
LCPFS

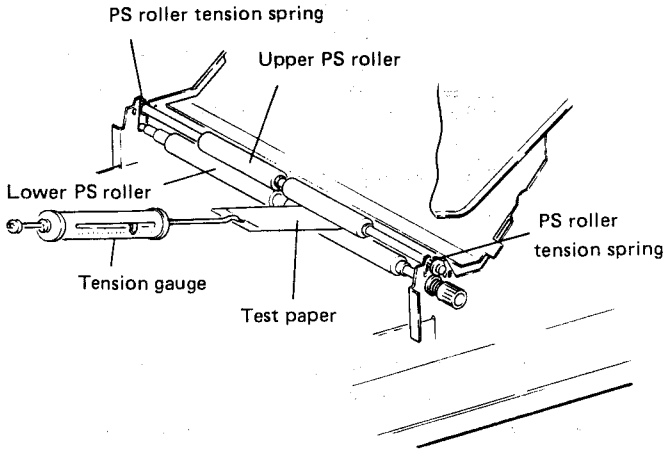
(4) PS roller pressure adjustment

① Prepare the test paper as shown below. Reinforce the one end with cellophane tape and punch a hole and hook the tension gauge in the hole.



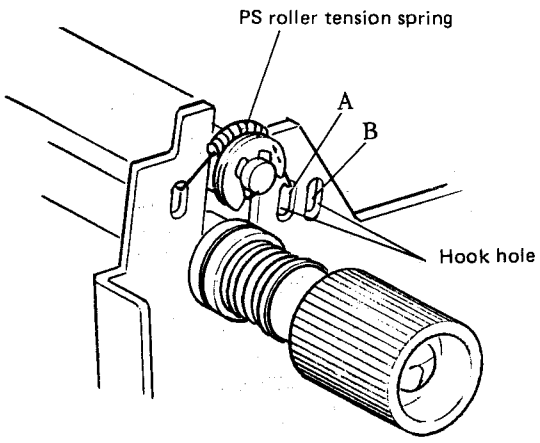
② Open the clam shell frame and remove the transfer guide.

③ Insert the test paper between PS rollers on the front frame side and measure the roller pressure with a tension gauge. The test paper must be set in the center of the PS rollers on the front frame side.



④ Measure the rear frame side in the same manner.

⑤ Adjust the tension spring to the approate hook on the front frame side, until the PS roller pressure on both frame sides are close to equal.



Tension spring hole position	Front frame side roller pressure
A	Decreases
B	Increases

Replace the PS roller tension spring, if adjustment was not attained with the above adjustment.

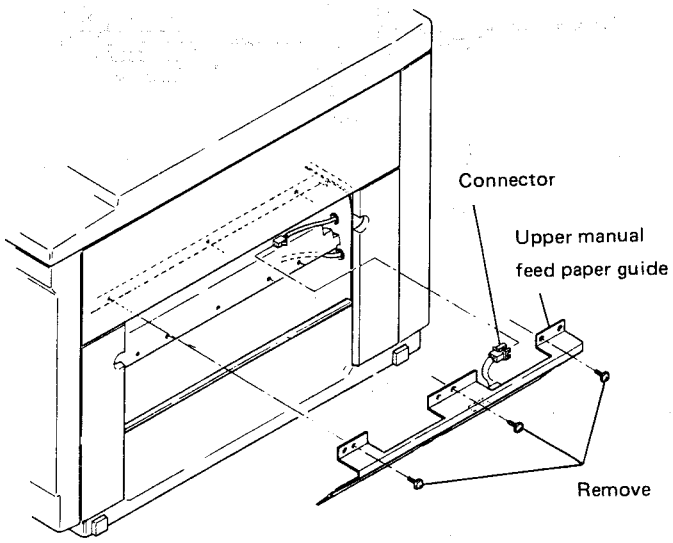
4. Major parts replacement

(1) Switches

A. Manual feed paper sense switch (MFPESW)

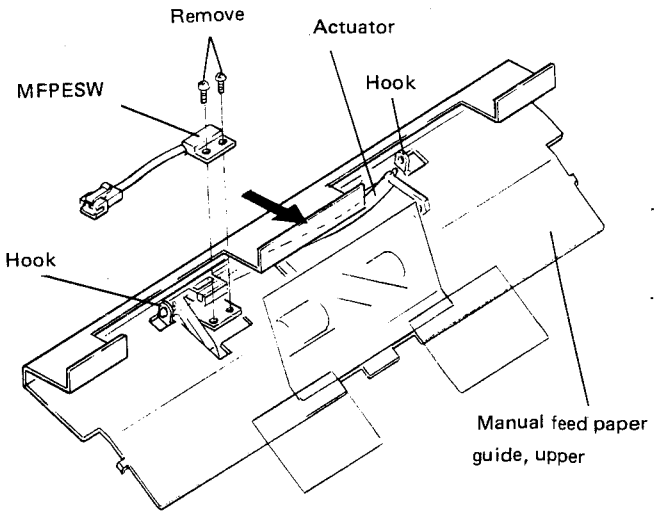
① Remove the manual feed tray

② Remove the three screws on the paper entry side and remove the manual paper guide.



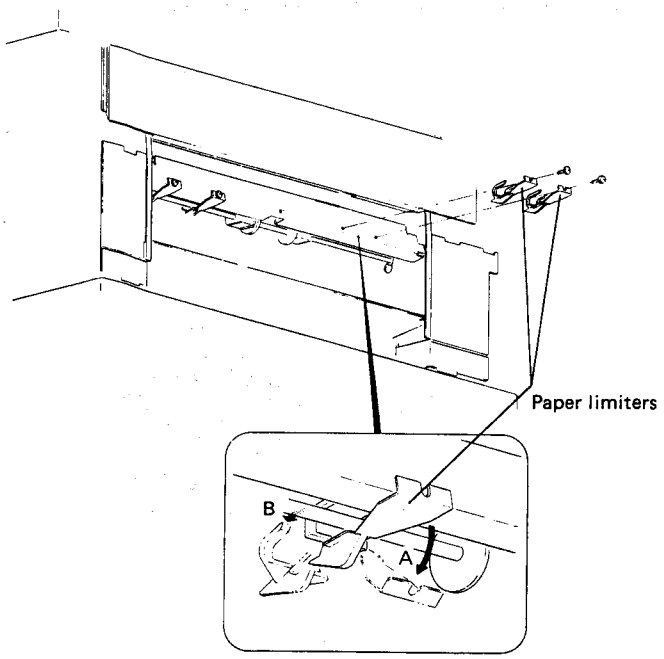
③ Unfasten the MFPESW connector

④ Remove the MFPESW and the actuator from the manual feed upper paper guide. Bend the middle part of the actuator to remove it from the hook.

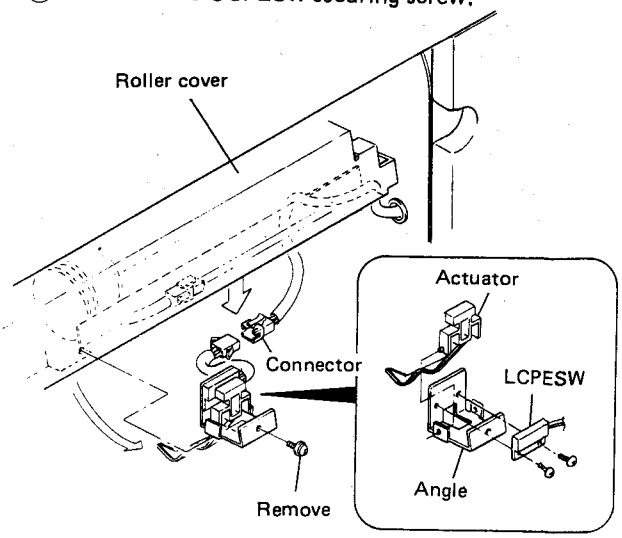


B. Upper cassette paper empty sense switch (UCPESW)

① Remove the rear frame side two paper limiters; pull down in the direction of arrow A and take it out in the direction of arrow B.



② Remove the UCPESW securing screw.

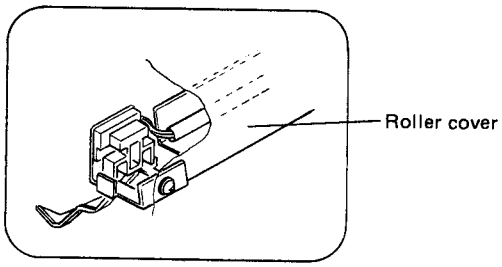


③ Take out the UCPESW wiring harness through the clearance between the roller cover and the upper cassette paper takeup roller.

④ Unfasten the UCPESW.

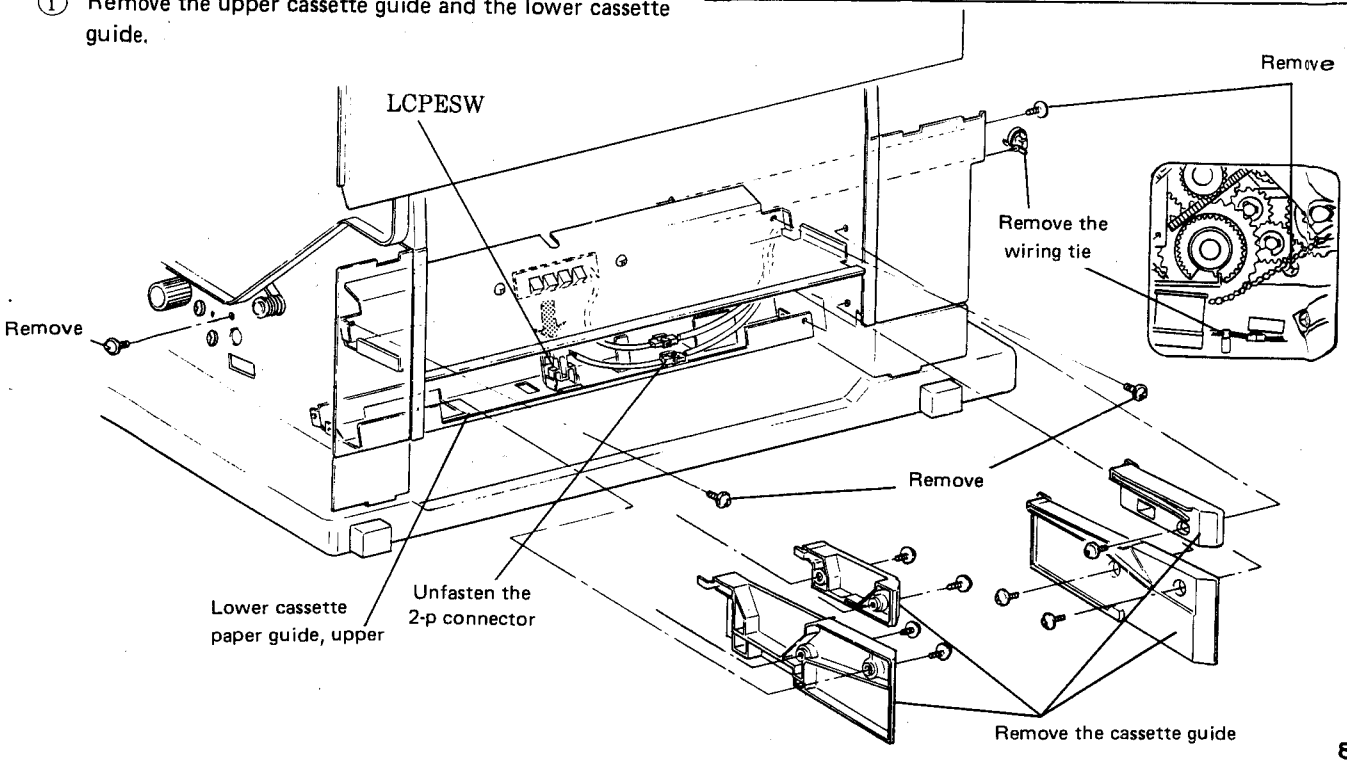
⑤ Remove the actuator and the UCPESW from the roller cover.

NOTE: When installing, insert the UCPESW wiring harness through the inside of the roller cover as so to avoid contact with the takeup roller.



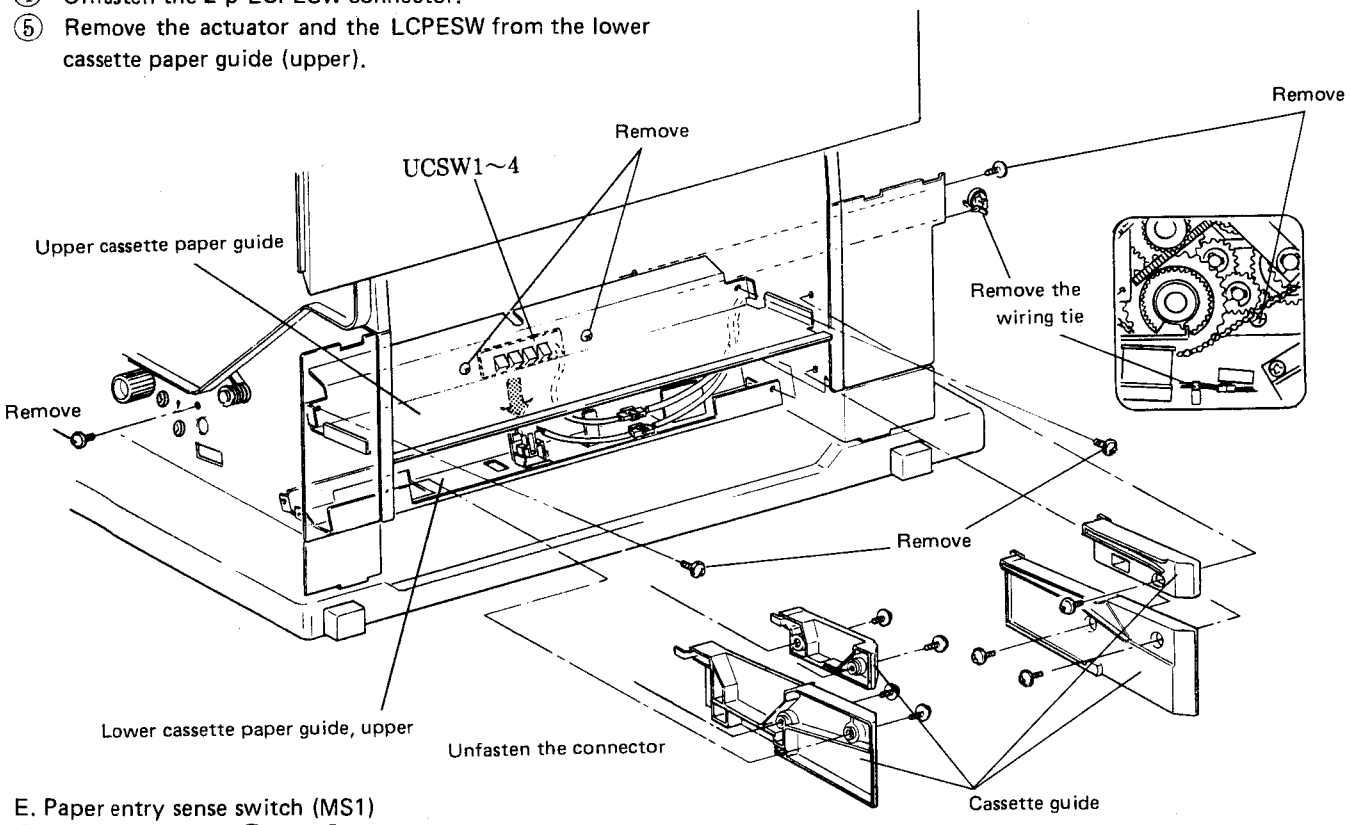
C. Lower cassette paper empty sense switch (LCPESW)

① Remove the upper cassette guide and the lower cassette guide.

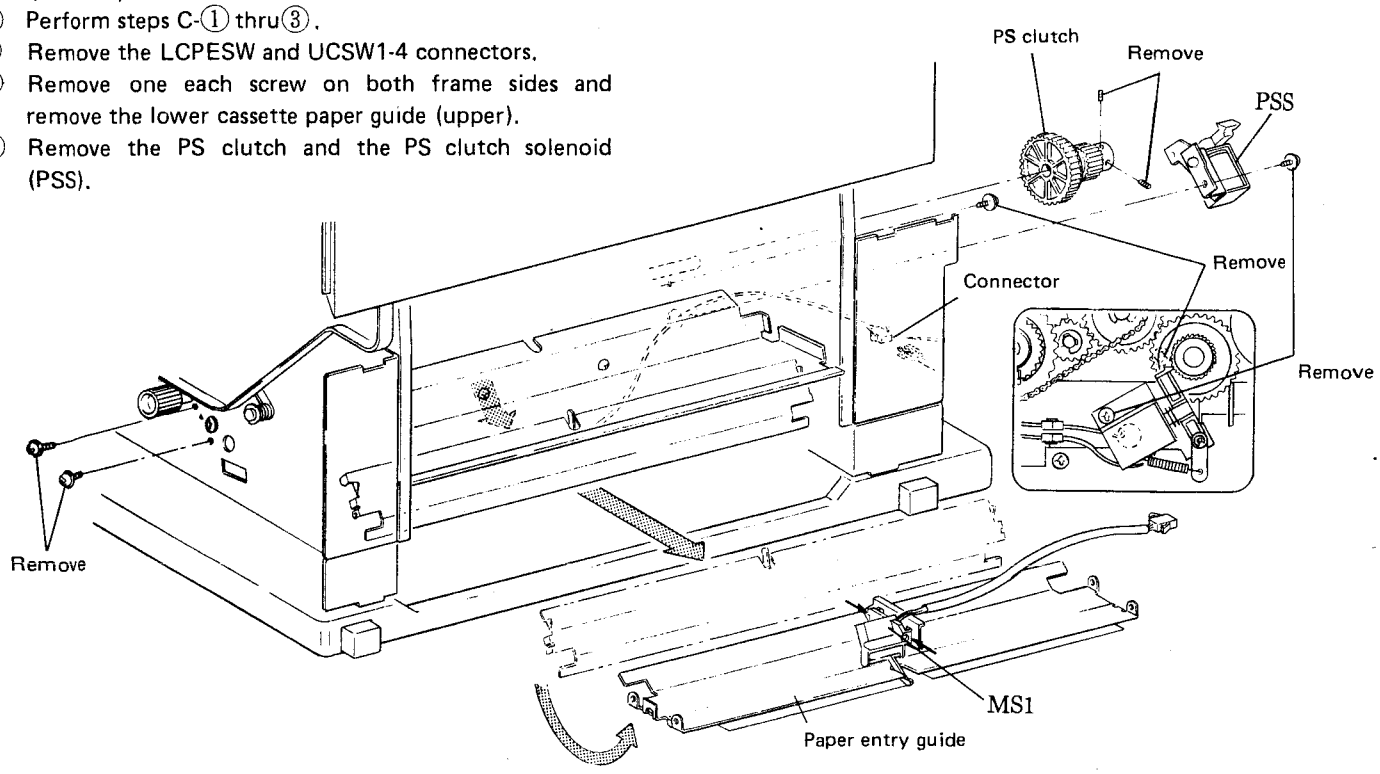


② Remove the wiring tie, located to right of the LCPFS on the rear frame side, from the frame.
Free the wiring tie from the frame with long nose pliers inserted from the inside. Do not break it.
break it.
③ Lower the lower cassette paper guide (upper). (Remove one each of the screw from both frame sides.)
④ Unfasten the 2-p LCPESW connector.
⑤ Remove the actuator and the LCPESW from the lower cassette paper guide (upper).

D. Upper cassette paper size sense switches (UCSW1-4)
① Perform steps C-① thru ③.
② Unfasten the 3-p connectors of UCSW1-4.
③ Remove two screws and remove the UCSW1 thru UCSW4 from the upper cassette paper guide.



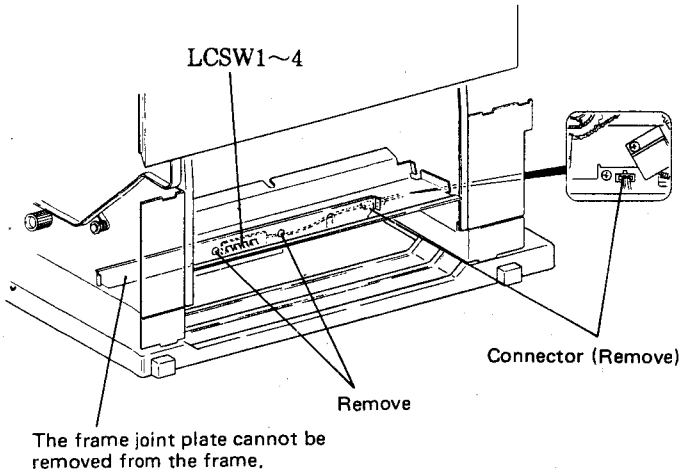
E. Paper entry sense switch (MS1)
① Perform steps C-① thru ③.
② Remove the LCPESW and UCSW1-4 connectors.
③ Remove one each screw on both frame sides and remove the lower cassette paper guide (upper).
④ Remove the PS clutch and the PS clutch solenoid (PSS).



⑤ Remove two screws on the front frame side and remove the paper entry guide.
⑥ Remove the MS1 from the paper entry guide.

F. Lower cassette paper size sense switches (LCSW1-4)

① Perform steps C-①thru③.
② Perform steps E-②thru⑤.
③ Unfasten the LCSW1-4 connectors.

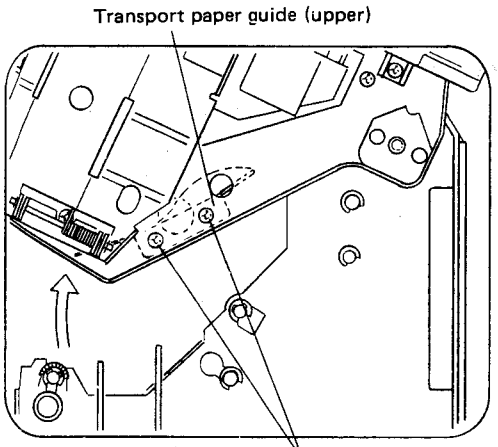


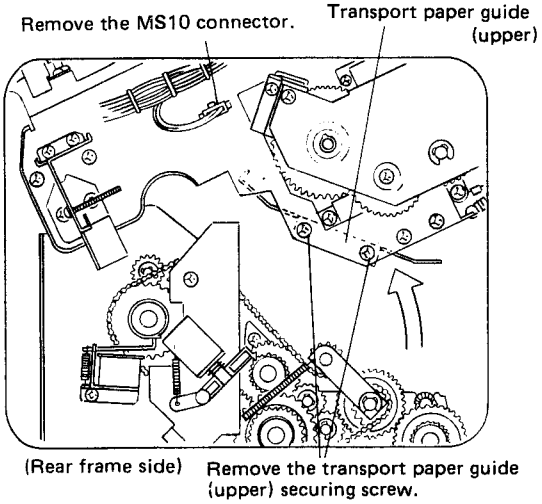
④ Remove two screws and remove the LCSW1-4.

NOTE: Note that the frame joint plate, on which the LCSW1-4 are mounted, cannot be removed.

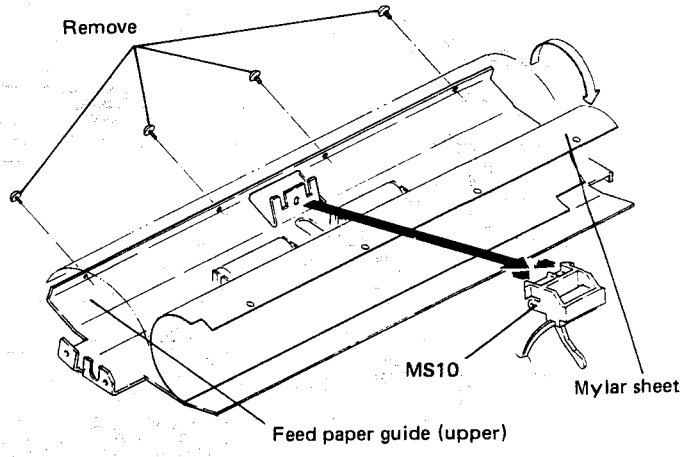
G. Manual feed paper entry sense switch (MS10)

① Open the clam shell frame.
② Unfasten the MS10 connector from the rear frame side.
③ Remove two screws from both frame sides that are used to hold the transport paper guide (upper).




Remove the MS10 connector.
Transport paper guide (upper)
(Rear frame side)
Remove the transport paper guide (upper) securing screw.

④ Remove the transport paper guide (upper) from the copier.
⑤ Remove four screws and pull back the mylar sheet on the transport paper guide (upper).



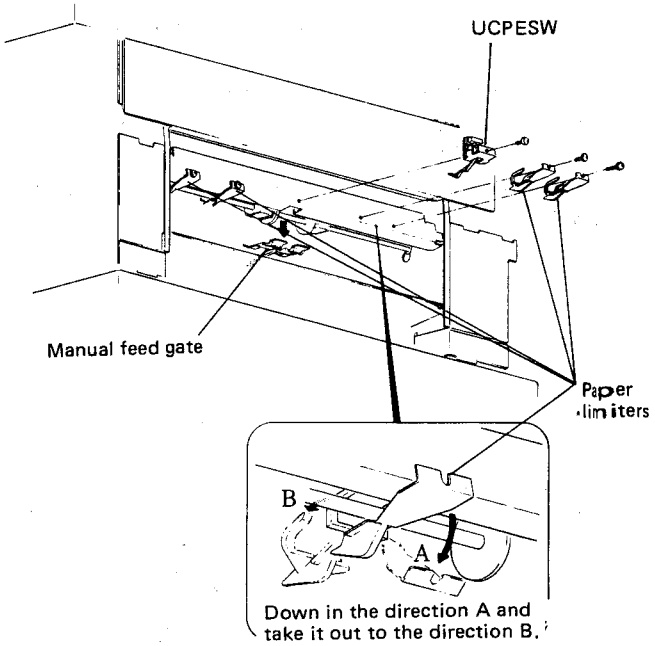
6 Remove the MS10 from the feed paper guide.

(2) Rollers

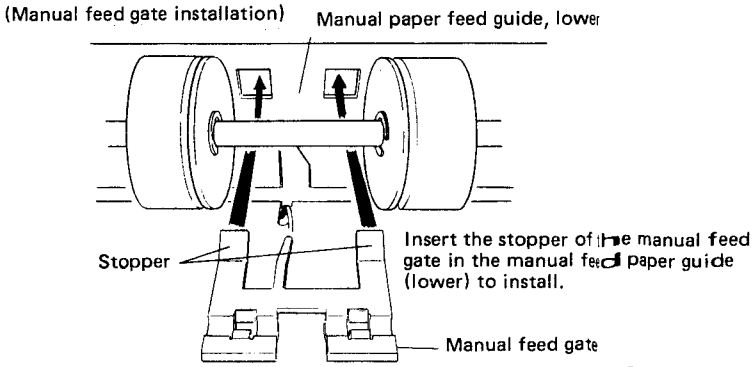
(Disassembly)

A. Upper cassette paper takeup roller

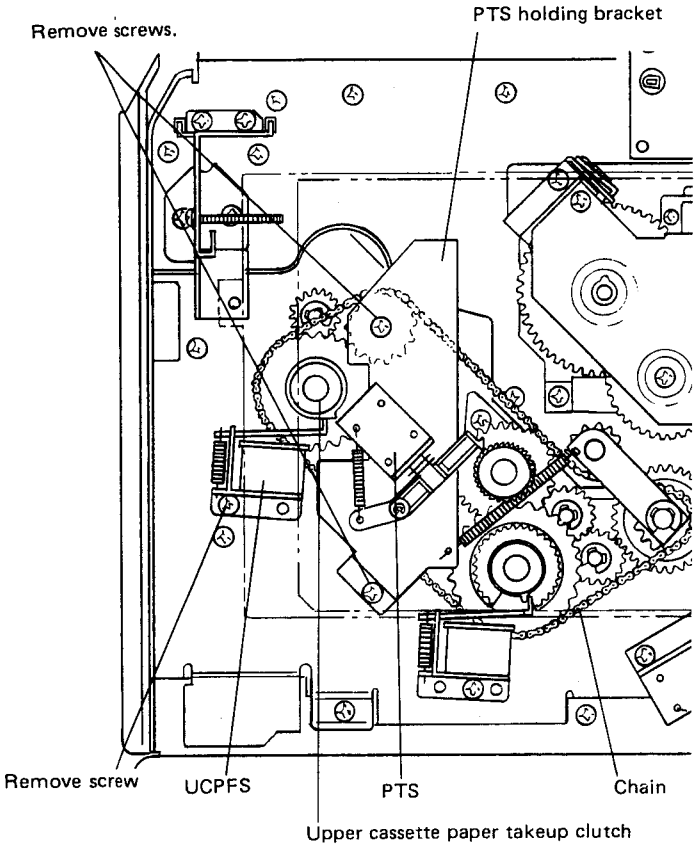
① Remove the upper cassette paper empty switch (UCPESW). (Four paper limiters and the manual feed gate.)



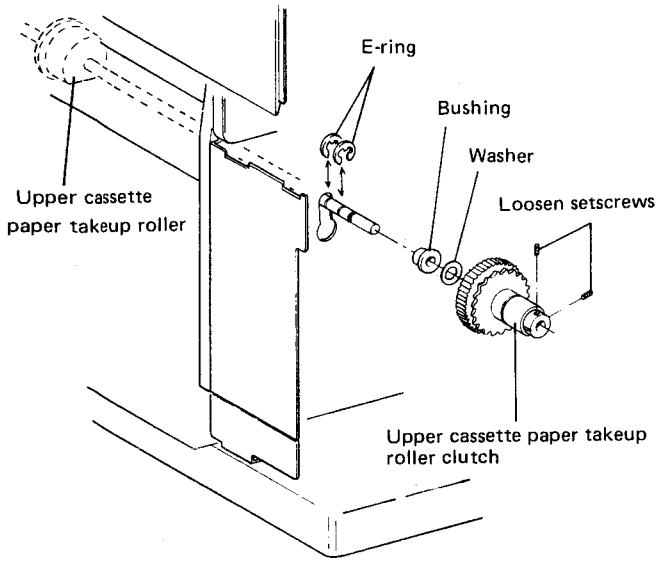
See 4-(1)-B for removal of the UCPESW.


(Manual feed gate installation)
Manual paper feed guide, lower
Stopper
Insert the stopper of the manual feed gate in the manual feed paper guide (lower) to install.
Manual feed gate

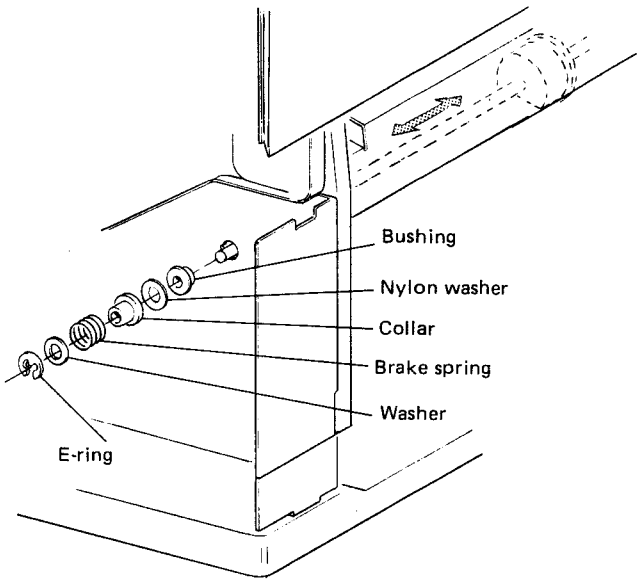
② Remove the PTS holding bracket.



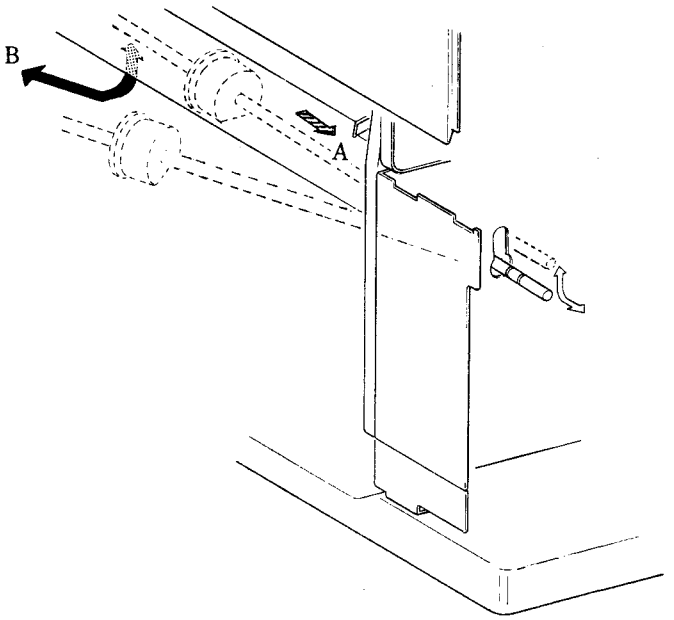
③ Remove the paper feed unit drive chain.
④ Remove the upper cassette paper takeup roller clutch solenoid (UCPFS).
⑤ Remove the upper cassette paper takeup roller clutch, two E-rings, washer, and bushing.



⑥ Remove the E-ring of the upper cassette paper takeup roller shaft on the front frame side, washer, brake spring, collar, and bushing.



⑦ Move the upper cassette paper takeup roller shaft towards the rear frame side (arrow direction A), tilt it towards the front frame side, and take it out in the direction B.

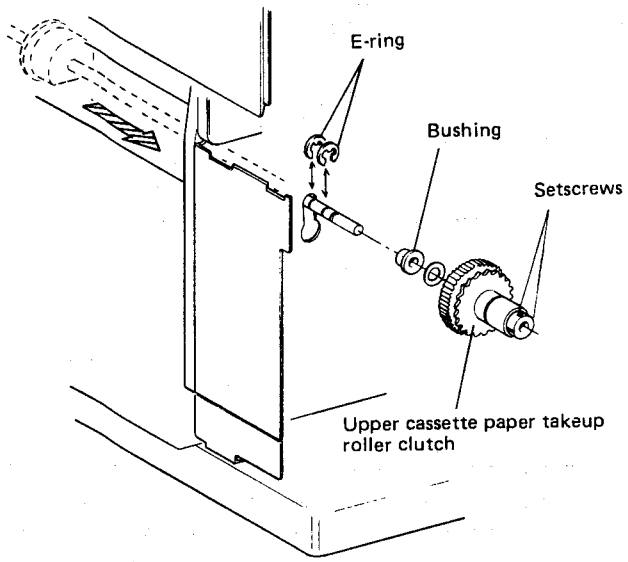


(Installation)

⑧ Insert the upper cassette takeup roller through the shaft holes on both frame sides.

⑨ Install the bushing, collar, brake spring, washer, and E-ring onto the upper cassette paper takeup roller shaft on the front frame side. (See A- 6)).)

⑩ Move the upper cassette takeup roller towards the rear frame side (arrow direction A) and install the bushing and two E-rings on the rear frame sides.

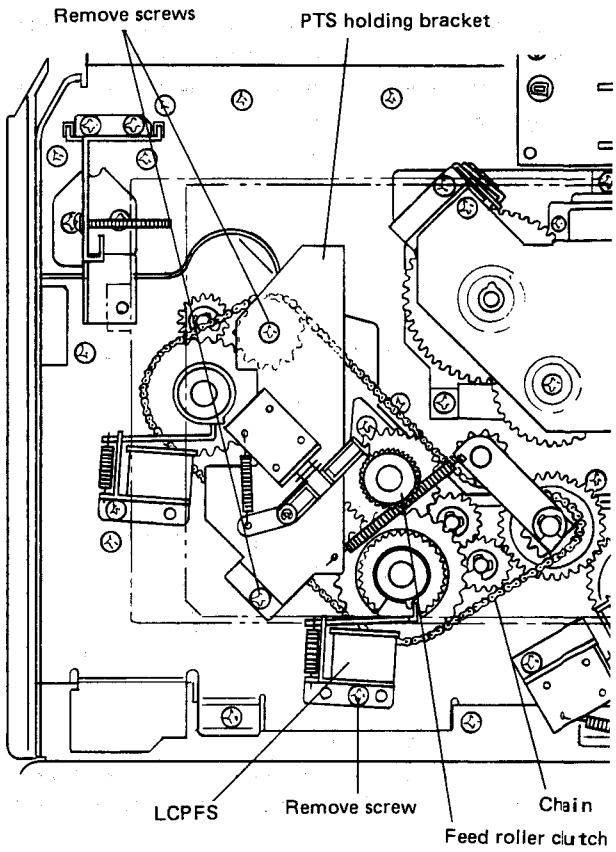


⑪ Install the upper cassette takeup clutch.

N. Lower cassette paper takeup roller

(Disassembly)

① Remove the PTS holding bracket.

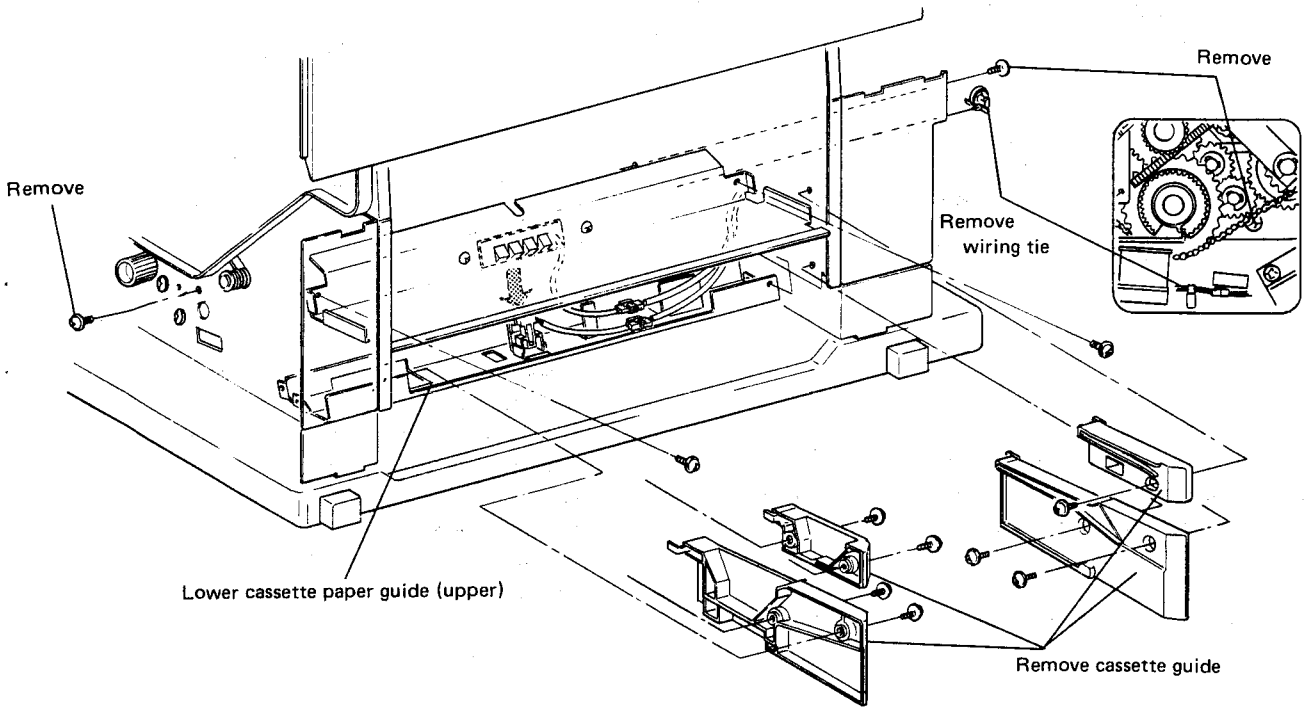


② Remove the lower cassette paper feed roller clutch solenoid (LCPFS).

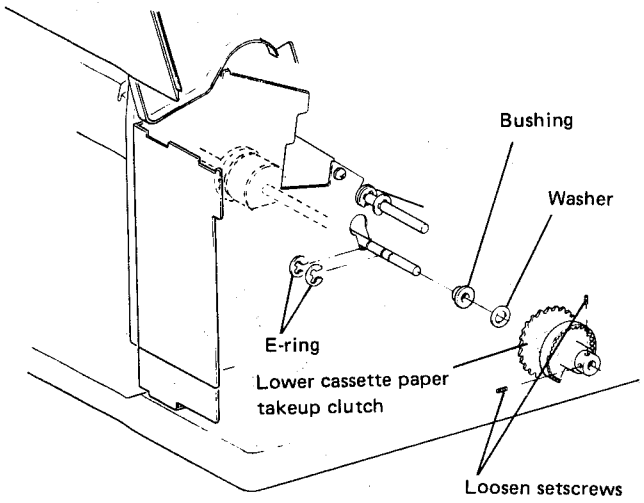
③ Remove the paper feed unit drive chain.

④ Remove two setscrews and remove the feed roller clutch.

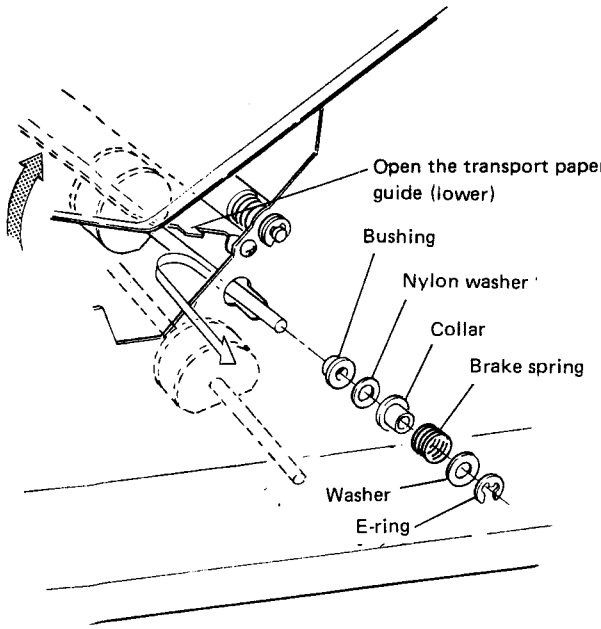
⑤ Remove the upper cassette guide and the lower cassette guide.



⑥ Remove the wiring tie located to the right of the LCPFS on the rear frame side from the frame. Free the wiring tie from the frame with long nose pliers inserted from the inside. Do not break it.
⑦ Lower the lower cassette paper guide (upper). (Remove one each of the screw from both frame sides.)
⑧ Remove the lower cassette paper takeup clutch, two E-rings, washer, and bushing.



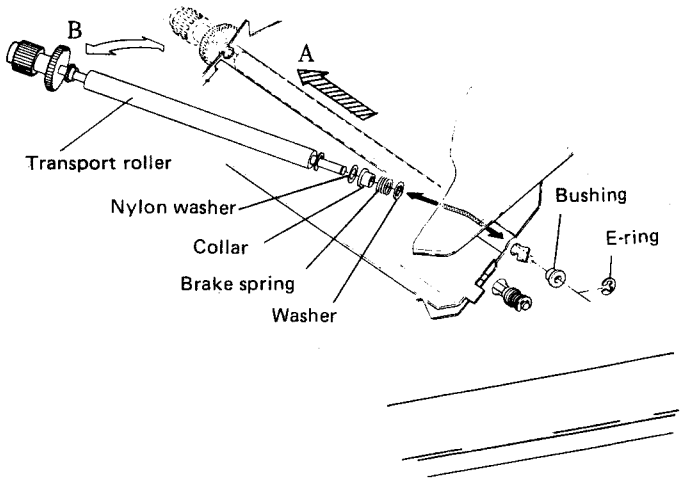
⑨ Open the clam shell frame.
⑩ Remove the front frame side lower cassette paper takeup roller shaft E-ring, washer, brake spring, collar, and bushing.



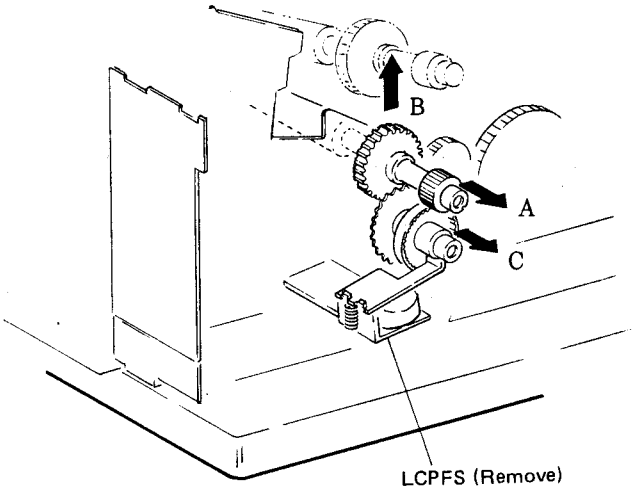
⑪ Open the transport paper guide (lower).
⑫ Move the lower cassette takeup roller shaft towards the rear frame side, then take it out from the front frame side.

Perform the same as the upper cassette paper takeup roller for installation.

C. Transport roller
(Disassembly)
① Remove the paper feed unit drive chain.
Open the clam shell frames.
② Remove the front frame side transport roller shaft E-ring, bushing, washer, collar, and brake spring. Be careful not to drop any parts into the machine.



③ Remove the LCPFS.
④ While moving the lower cassette paper takeup roller towards the rear frame side (arrow direction C), move the transport roller towards the rear frame side (arrow direction A), and tilt it in the arrow direction B to remove.

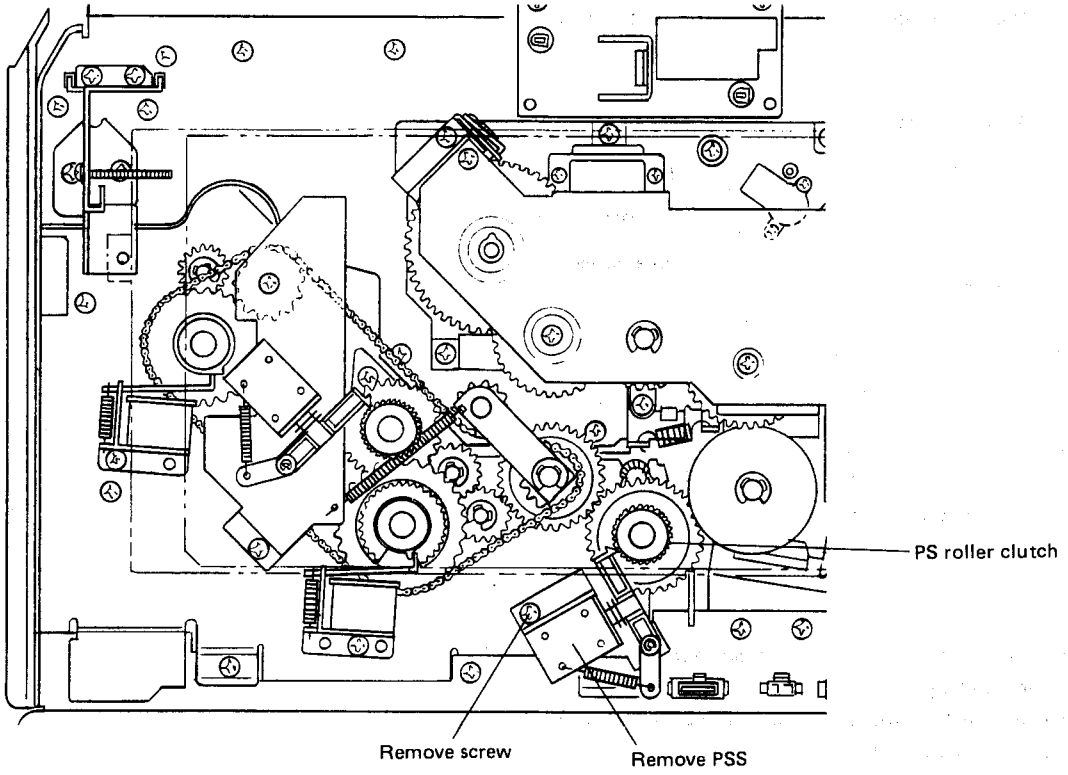


(Installation)
⑤ Install the washer, collar, and brake spring onto the transport roller shaft on the front frame side.
⑥ Insert the transport roller shaft through the shaft hole on the front and rear frame sides. The bushing, E-ring, and clutch have to be installed onto the transport roller shaft on the rear frame side. Be careful not to drop any parts into the machine.
⑦ Move the transport roller shaft towards the front frame side and install the bushing and E-ring on the front frame side.

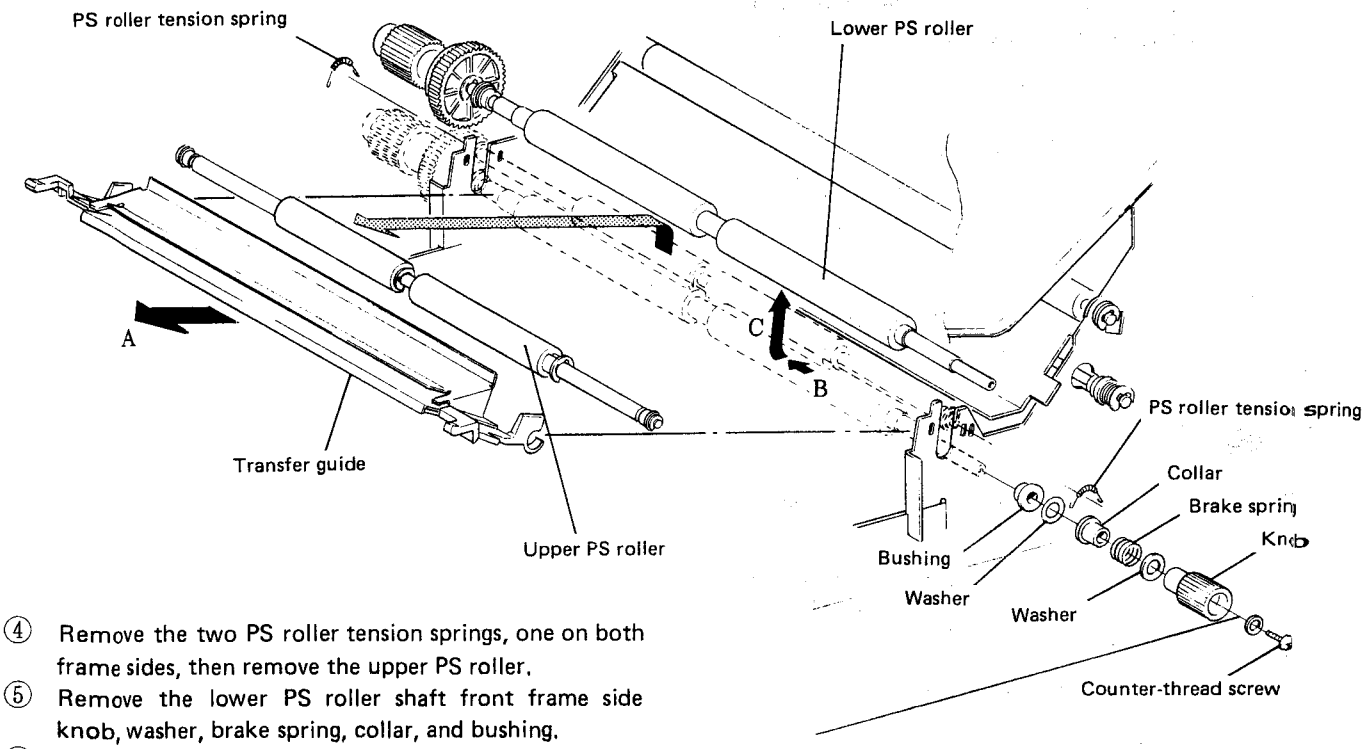
D. PS roller

① Open the clam shell frame.

② Remove the PS roller clutch solenoid (PSS).



③ Remove the transfer guide in the arrow direction A.



④ Remove the two PS roller tension springs, one on both frame sides, then remove the upper PS roller.

⑤ Remove the lower PS roller shaft front frame side knob, washer, brake spring, collar, and bushing.

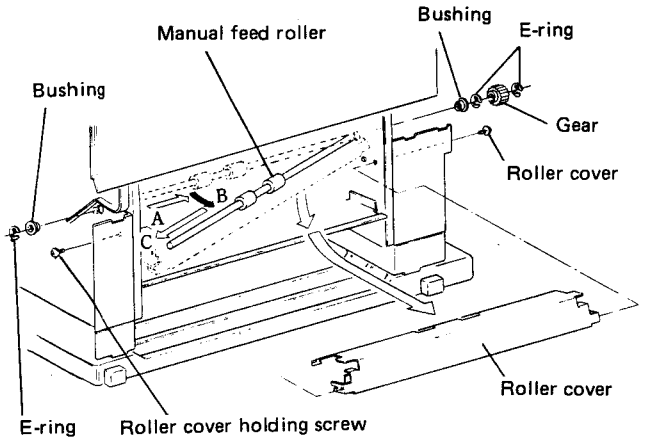
⑥ Move the lower PS roller towards the rear frame side (arrow direction B) and lift it up (arrow direction C) to remove.

E. Manual feed roller

① Reomve the upper cassette paper empty sensor switch (UCPESW), paper holder, and manual feed gate. (See 4-(2)-A-①).

② Remove the manual feed paper guide (upper). (See 4-(1)-A-②).

③ Remove the roller cover (one screw on each frame side).

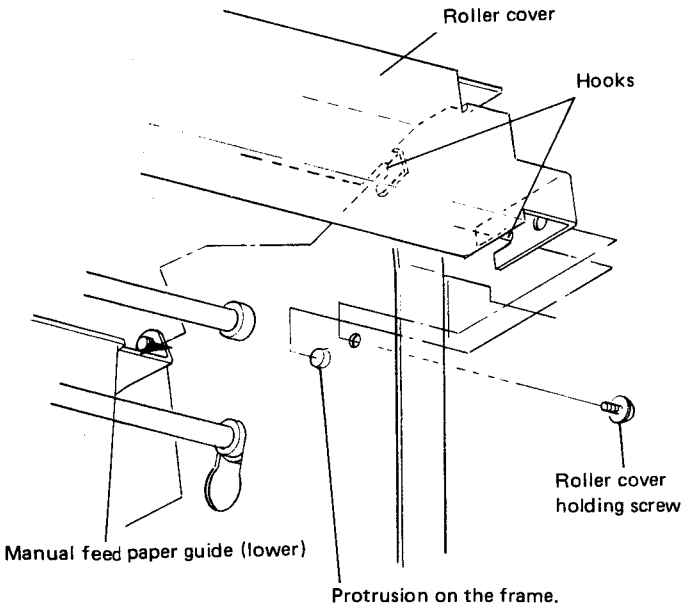


④ Remove the front frame side manual feed roller shaft E-ring, and bushing.

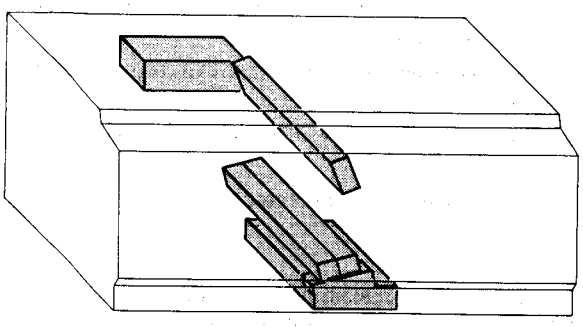
⑤ Remove the rear frame side manual feed roller shaft E-ring, gear, and bushing.

⑥ Pull out the manual feed roller from the frame (in order of arrows, A, B, and C).

NOTE: Install the roller cover so that the roller cover hook should engage to the manual feed paper guide (lower) and that the roller cover hook should engage with the protrusion on the frame.



[9] HIGH VOLTAGE UNIT



1. General description

There are three coronas used in the SF-8100; the main, transfer and separation corona units. The main corona applies a uniform negative charge to the drum surface. The transfer corona is used to transfer the toner from the drum onto the copy paper. The separation corona reduces the potential difference between the drum and the copy paper for separation.

A fault sensing circuit has been incorporated in the transfer high voltage unit to prevent developer pull. Copier operation is stopped by the activation of the status code function "C2", if the machine experiences a loss of transfer high voltage.

For example: When the corona wire is broken or when the corona is not properly inserted.

2. High voltage units

(1) Main high voltage unit (MHVG)
Output = −6.2KVDC, 640μA
(DCD current at −29±3μA with a tolerance of 2μA between front and rear)

(2) Transfer high voltage unit (THVG)
Output = −6.45KVDC, 460μA
(DCD current at −28±3μA with a tolerance of 4μA between front and rear)

(3) Separation high voltage unit (BHVG)
Output = 5.8KVAC, 800μA
(DCD current at −3.5±2μA with a tolerance of 2μA between front and rear)

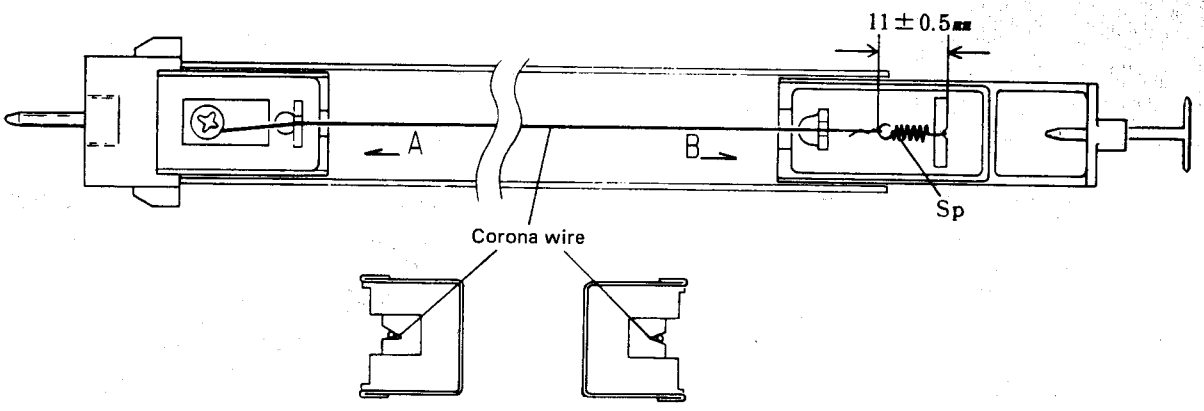
3. Discharge lamp

The discharge lamp is used to remove residual charge on the drum.

4. Corona wire replacement

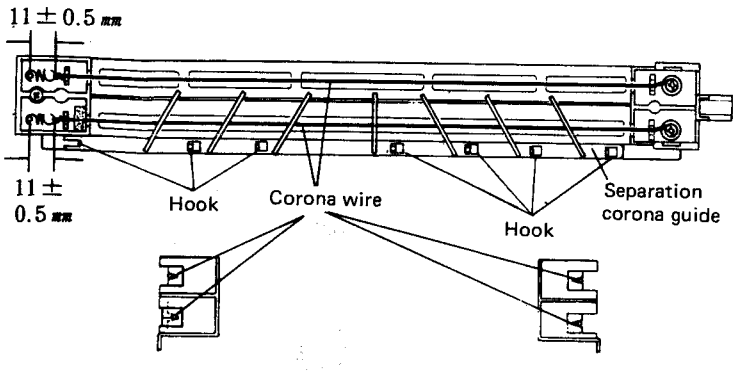
The corona wire must be replaced every 40,000 copies.

1 Refer to the figure below for replacement of the corona wire.



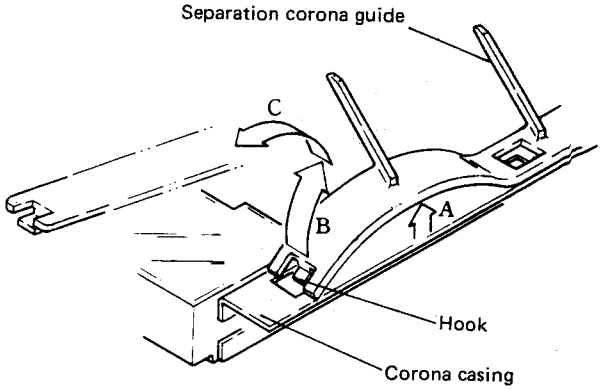
View from direciton A View from direction B

2 Transfer/separation corona paper guide removal.



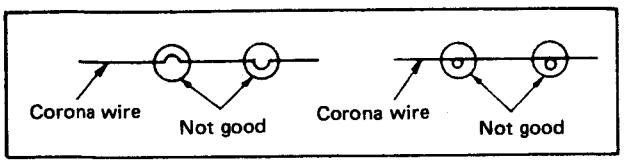
View from direction A View from direciton B

Remove the separation corona guide.
Lift up the rear frame side of the separation corona guide in direction A, slide it in direction B, remove the corona guide hook from the corona casing, and pull it out in direction C.



Precautions when replacing the corona wires.

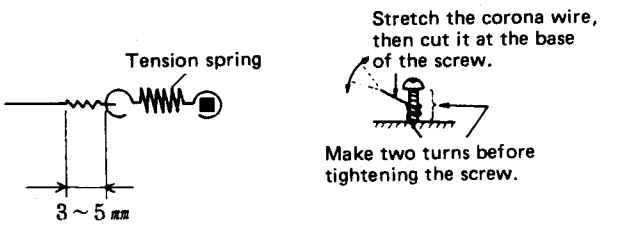
① The corona wire must not be twisted or kinked.



② Clean the corona wire after replacement with alcohol only.

③ Wipe dry after cleaning.

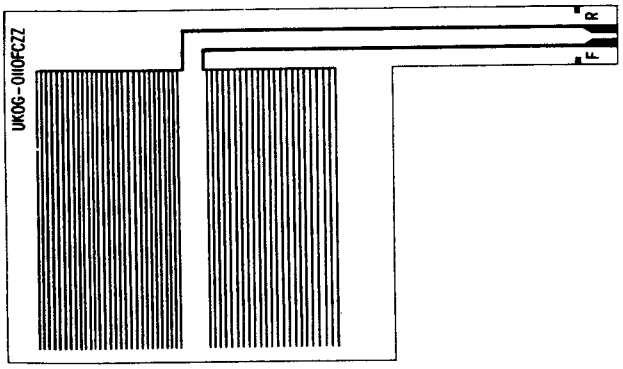
④ Use the 70 micron corona wire (DWIR-0466CSZZ).


Tension spring
3 ~ 5 mm
Stretch the corona wire, then cut it at the base of the screw.
Make two turns before tightening the screw.

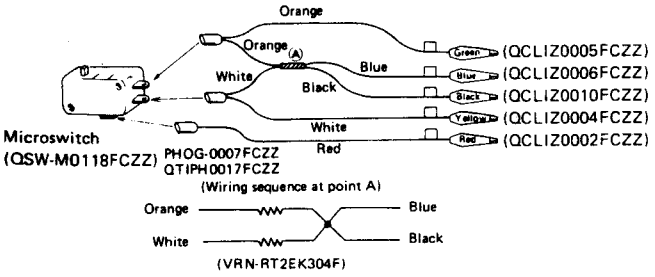
5. High voltage unit output adjustments (DCD).

(1) Tools required:

① DCD test sheet (UKOG-0110FCZZ)

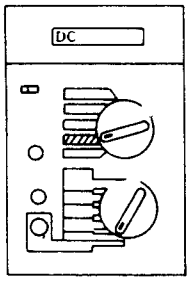


② DCD test sheet harness (DHAI-0304CZZ).



③ Digital multimeter (or micro-ammeter).

NOTE: The meter must have a measuring range of 0 to 100μA with a tolerance of ±1%.



Digital multimeter
(UKOGE0019FCZZ)

(2) The high voltage units must be adjusted for any one of the following reasons:

① After replacement of the main or transfer/separation high voltage units.

② After replacement of the main of transfer/separation corona units.

③ After replacement of the main or transfer/separation corona wire.

④ After replacement or removal of the main corona casing.

(3) Corona output adjustment procedures:

NOTE: If the MHVG is adjusted first, the output of the THVG may be higher than its typical value. To avoid this, always adjust the THVG before adjusting the MHVG.

a. Mount the DCD sheet to the drum

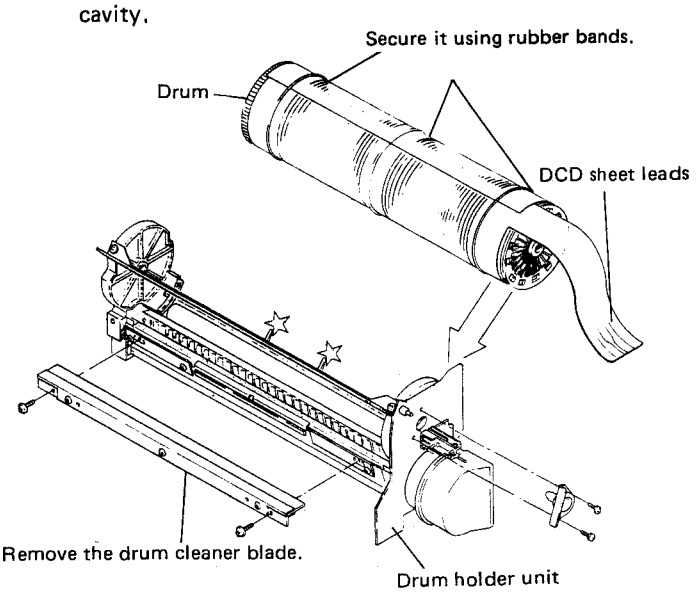
① Remove the toner collecting container and open the upper half. Remove the developer unit, main corona unit, drum holder unit and the transfer/separation corona unit.

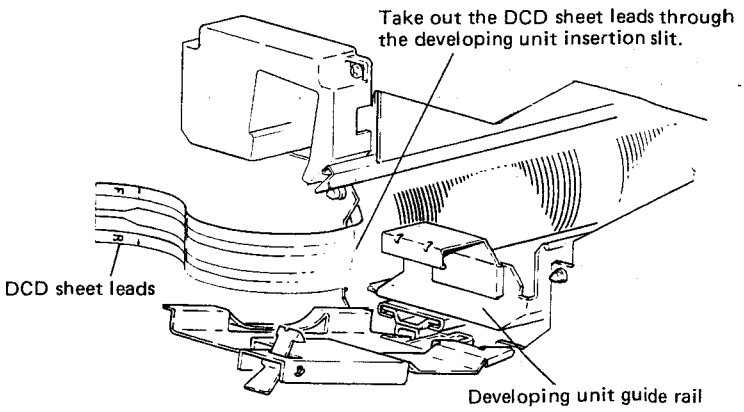
② Remove the drum cleaner blade from the drum holder unit and remove the drum.

③ Install the DCD sheet on the drum. Attach with rubber bands.

④ Replace the drum back in the drum unit holder.

⑤ Route the DCD test leads through the developer unit cavity.





⑥ Clean the main corona wire, separation corona wire and the transfer corona wire.

NOTE: When performing the DCD adjustment, install only one corona unit at a time. Test command number 9 activates both the main and separation high voltage units.

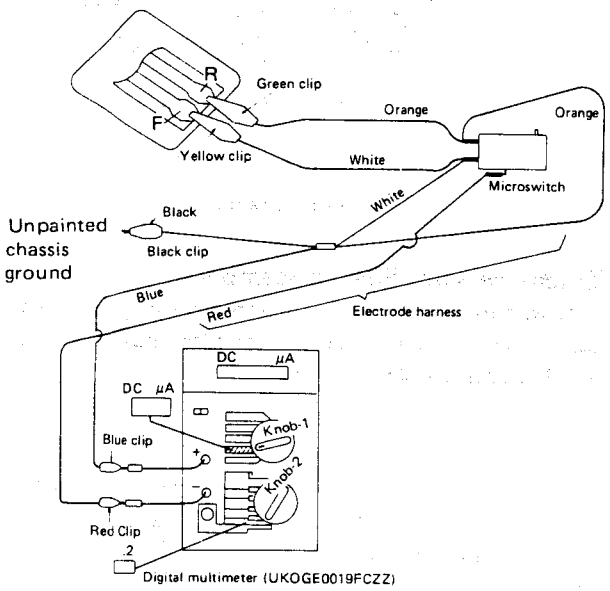
⑦ Close the upper half.

⑧ Manually activate the door switch (DSW).

b. Transfer corona adjustment

NOTE: Remove the main corona unit and install the transfer corona unit before performing the adjustment.

① Connect the DCD test leads to the meter and the DCD sheet.



IMPORTANT: Make sure that the black test lead is connected to a good chassis ground.
Connect the test leads as follows:
Red clip to the negative jack of the meter.
Blue clip to the positive jack of the meter.

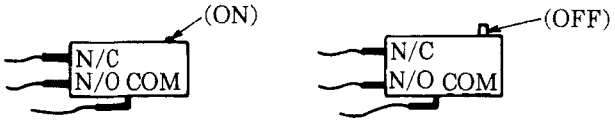
② Measure the current at the front and rear frame sides. The current difference must be within 4.0μA.

a. Enter test command 10. The transfer high voltage unit will activate for 30 seconds.

NOTE: The door switch must be closed.

b. When the test harness microswitch is off, the front frame side current is indicated on the meter.

c. When the test harness microswitch is on, the rear frame side current is indicated on the meter.



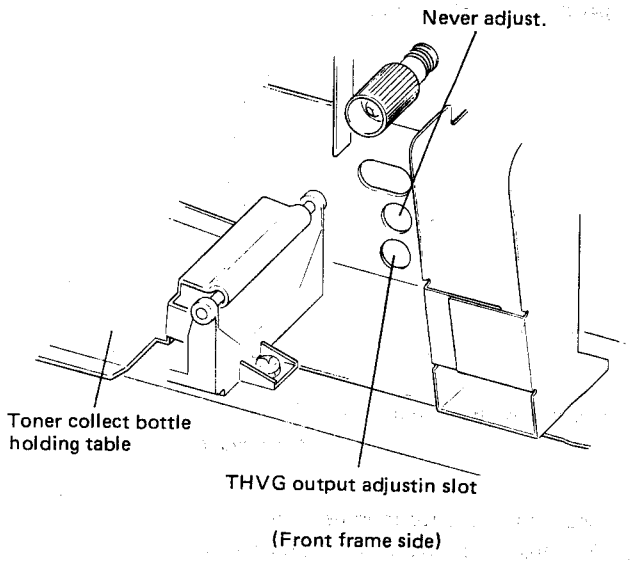
d. If the current difference is greater than 4.0μA, replace the corona unit.

NOTE: There may be slight fluctuations in the meter reading during this measurement, the average value is used as the measured value.

③ Measure the output current.

a. The output current for the transfer corona should be: 28.0±3.0μA.

b. Adjust the pot on the front frame side only if necessary.



c. Separation corona output adjustments.

NOTE: Remove the main corona unit and install the separation corona unit before performing the adjustment.

① Connect the DCD test leads to the meter and the DCD sheet.

IMPORTANT: Make sure that the black test lead is connected to a good chassis ground.
Connect the test leads as follows:
Red clip to the negative jack of the meter.
Blue clip to the positive jack of the meter.

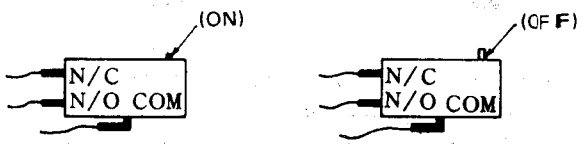
② Measure the current at the front and rear frame sides. The current difference must be within 2.0μA.

a. Enter test command 9. The separation high voltage unit will activate for 30 seconds.

NOTE: The door switch must be closed.

b. When the test harness microswitch is off, the front frame side current is indicated on the meter.

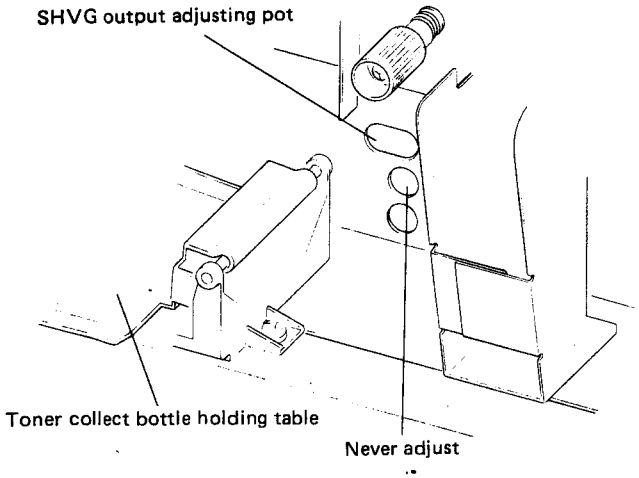
c. When the test harness microswitch is on, the rear frame side current is indicated on the meter.



d. If the current difference is greater than 2.0μA, replace the corona unit.

NOTE: There may be slight fluctuations in the meter reading during this measurement, the average value is used as the measured value.

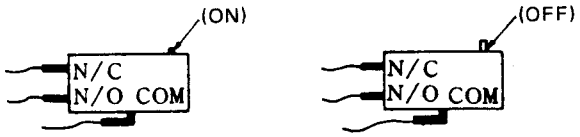
③ Measure the output current.
a. The output current for the separation corona unit should be: 3.5±2μA.
b. Adjust h SHVG pot only as necessary.



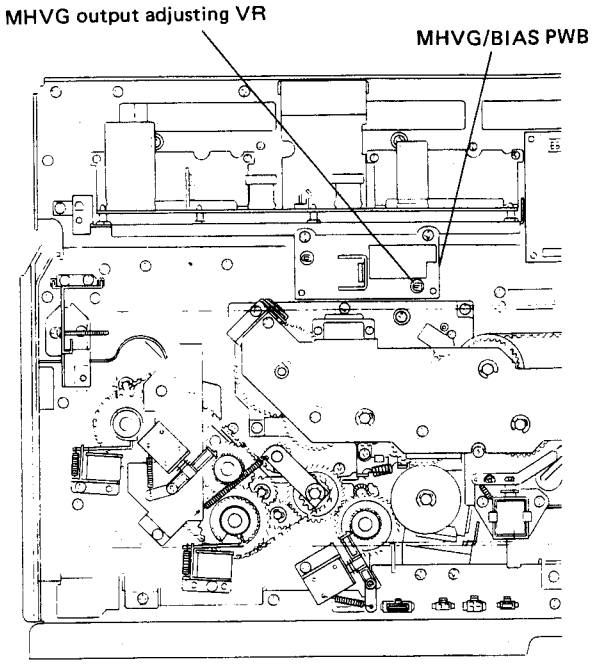
d. Main corona output adjustment:
NOTE: Install the Main corona unit only.
① Connect the DCD test leads to the meter and the DCD sheet.

IMPORTANT: Make sure that the black test lead is connected to a good chassis ground.
Connect the test leads as follows:
Red clip to the negative jack of the meter.
Blue clip to the positive jack of the meter.

② Measure the current at the front and rear frame sides.
The current difference must be with in 2.0μA.
a. Enter test command 9. The main high voltage unit will activate for 30 seconds.
NOTE: The door switch must be closed.
b. When the test harness microswitch is off, the front frame side current is indicated on the meter.
c. When the test harness microswitch is on, the rear frame side current is indicated on the meter.



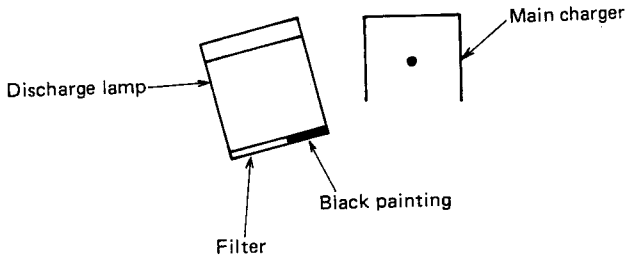
d. If the current difference is greater than 2.0μA, replace the corona unit.
NOTE: There may be slight fluctuations in the meter reading during this measurement, the average value is used as the measured value.
③ Measure the output current.
The output should be 29.0±3.0μA.
Adjust the pot located on the rear frame side only if necessary.



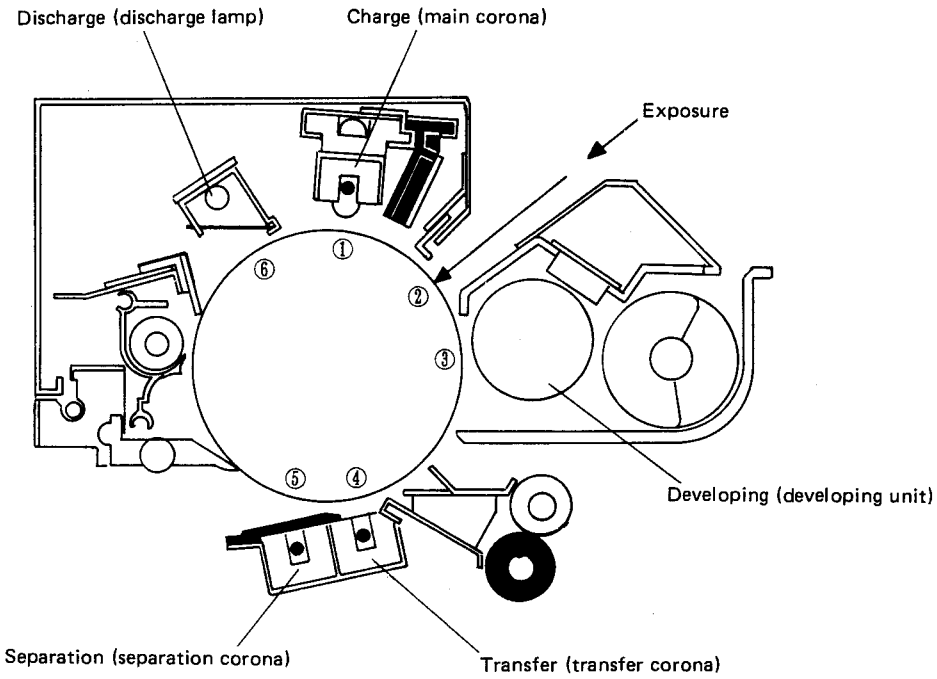
(Rear frame side)

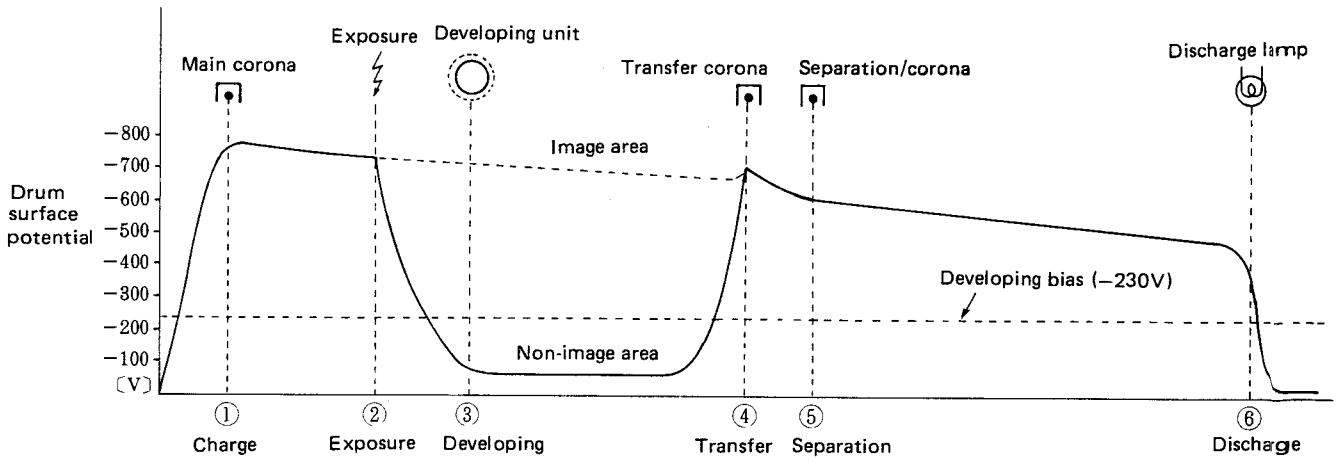
6. Discharge lamp filter reassembly.

The Discharge Lamp Filter is painted on one side. When reassembling, the painted side of the filter must face to the right. (Towards the Main Corona Unit).

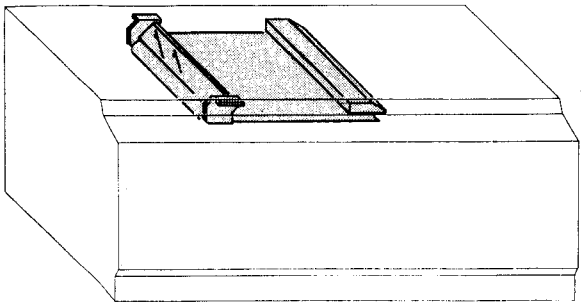


7. Transition of drum surface potential





[10] OPTICAL SYSTEM



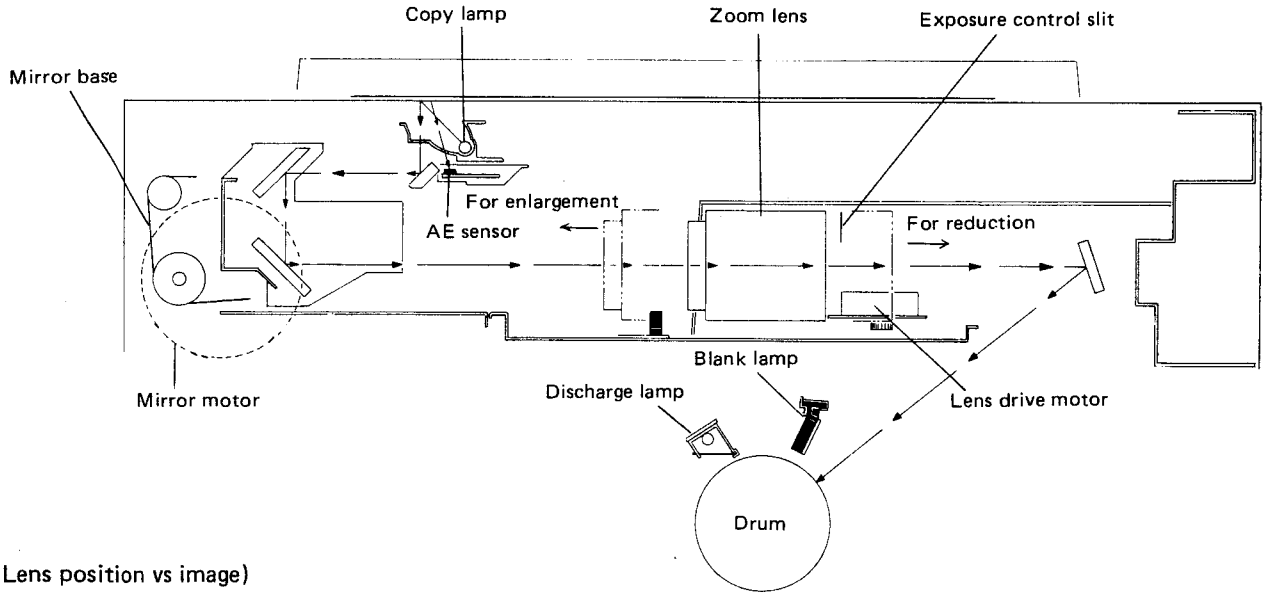
1. General description

A zoom lens is used in the SF-8100, and exposure is controlled electronically by varying the intensity of the copy lamp. The voltage applied to the copy lamp is stabilized to enhance uniform exposure.

A slit exposure and moving light source is used in combination with a stationary original table.

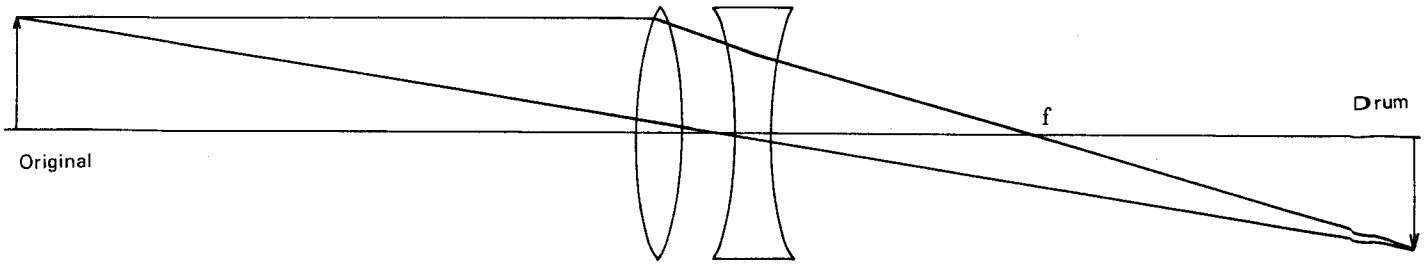
Reduction and enlargement is accessable in 78 increments of 0.01 from 0.64 to 1.42.

Because the internal zoom lens position is shifted relative to the mirrors, reduction and enlargement is achieved without affecting the distance between the original and the drum. The mirror position and angle does not change as in conventional optical systems. The lens is positioned by means of a stepping motor.

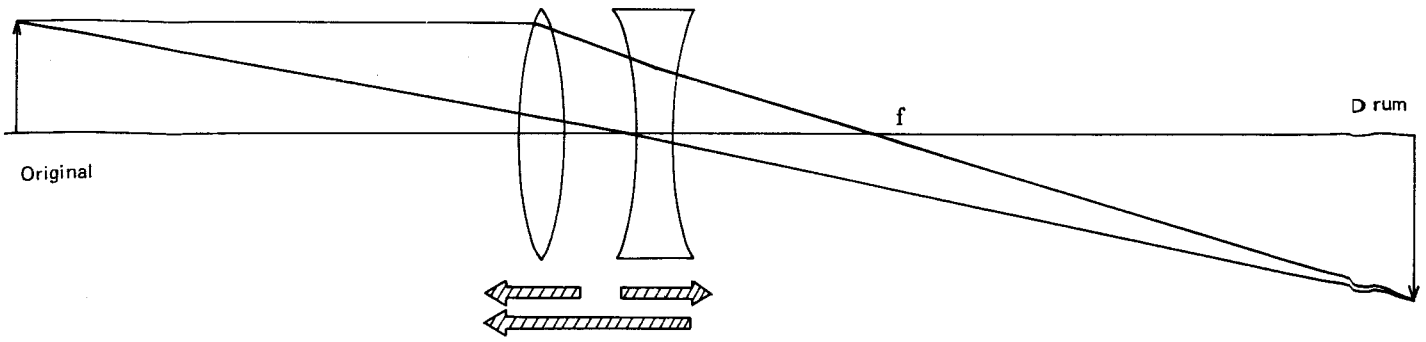


(Lens position vs image)

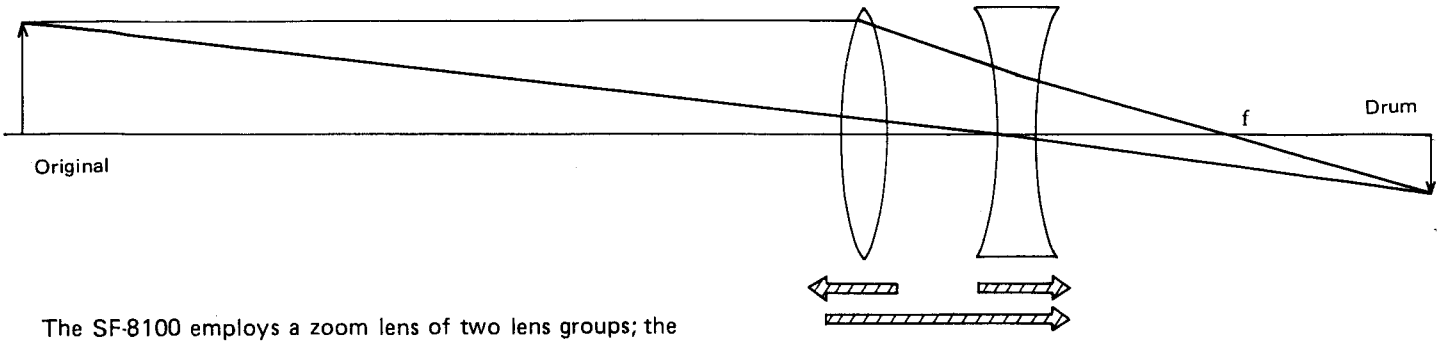
Normal mode



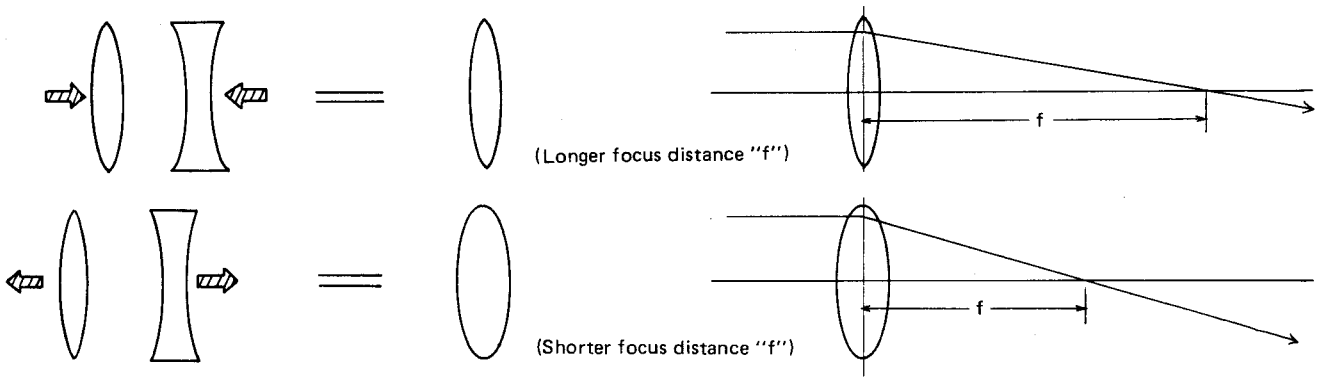
In the enlarge mode, the distance between lenses widens (shorter focus distance) and the lenses shift towards the original.



In the reduction mode, the distance between lenses shortens (shorter focus distance) and the lenses shift away from the original.

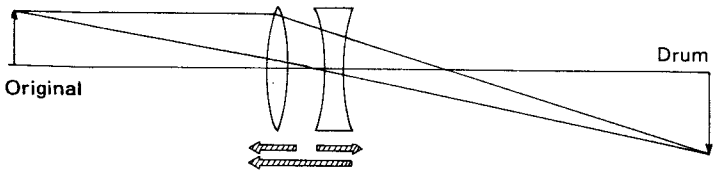


The SF-8100 employs a zoom lens of two lens groups; the one group composed of convex lenses and the other group concave lenses, having performance characteristics of convex lens.
The focus distance of the zoom lens is varied by changing the distance between two lens groups.



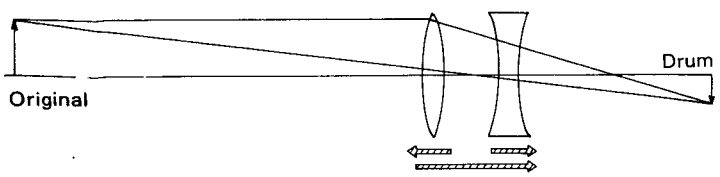
Wider the distance between two lens groups, shorter the focus distance becomes, and vice versa.
Variation in the copy longitudinal direction (drum axial direction) is attained by changing the zoom lens position and the focus distance. On the other hand, variation in the copy transversal direction (drum rotating direction) is attained by changing the mirror base moving speed (mirror motor rotation).

The distance between two lens groups becomes wider (shorter focus distance), and the zoom lens shifts towards the original.

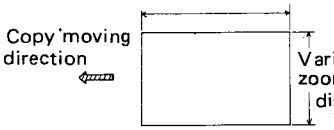


Variation attained by changing the zoom lens position and the focus distance.

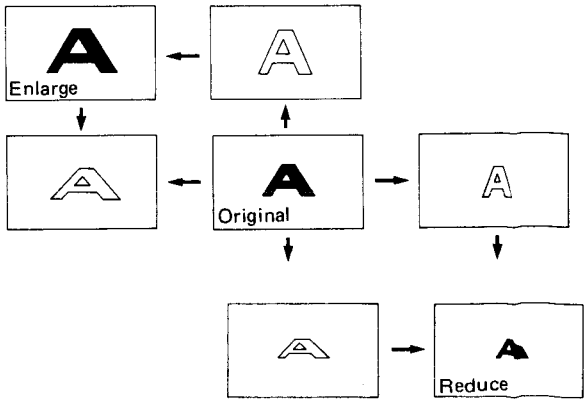
The distance between two lens groups becomes wider (shorter focus distance), and the zoom lens shifts towards the drum.



Mirror base moving speed (mirror motor rotation) changed.

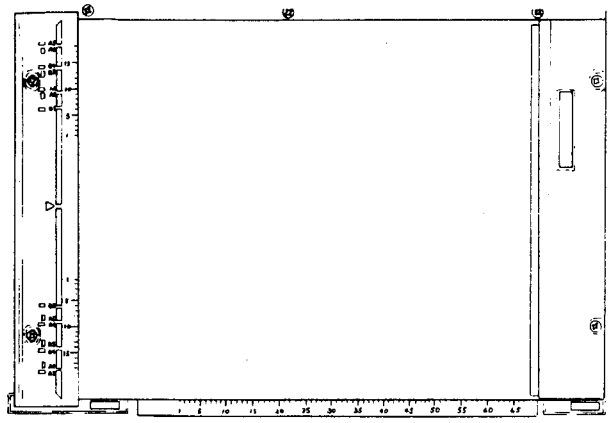


Variation attained by changing the mirror moving speed.
Mirror moving speed @ drum peripheral speed @ mirror moving speed



(1) The original table

The original table is stationary and the original is aligned on the center of the original glass.



(5) Blank lamp (BL)

If a copy is made on copy paper of a size that is larger than the reduced image in the reduction copy mode, it makes the unimaged portion black. Toner remains outside of the original image area in other copy modes because of the charge remaining on the drum. This residual toner is cleaned by applying light from the blank lamp to prevent a deposit of toner outside of the original image area.

(2) Copy lamp

The SF-8100 uses a 250W (100V version), 275W (200V version) copy lamp.

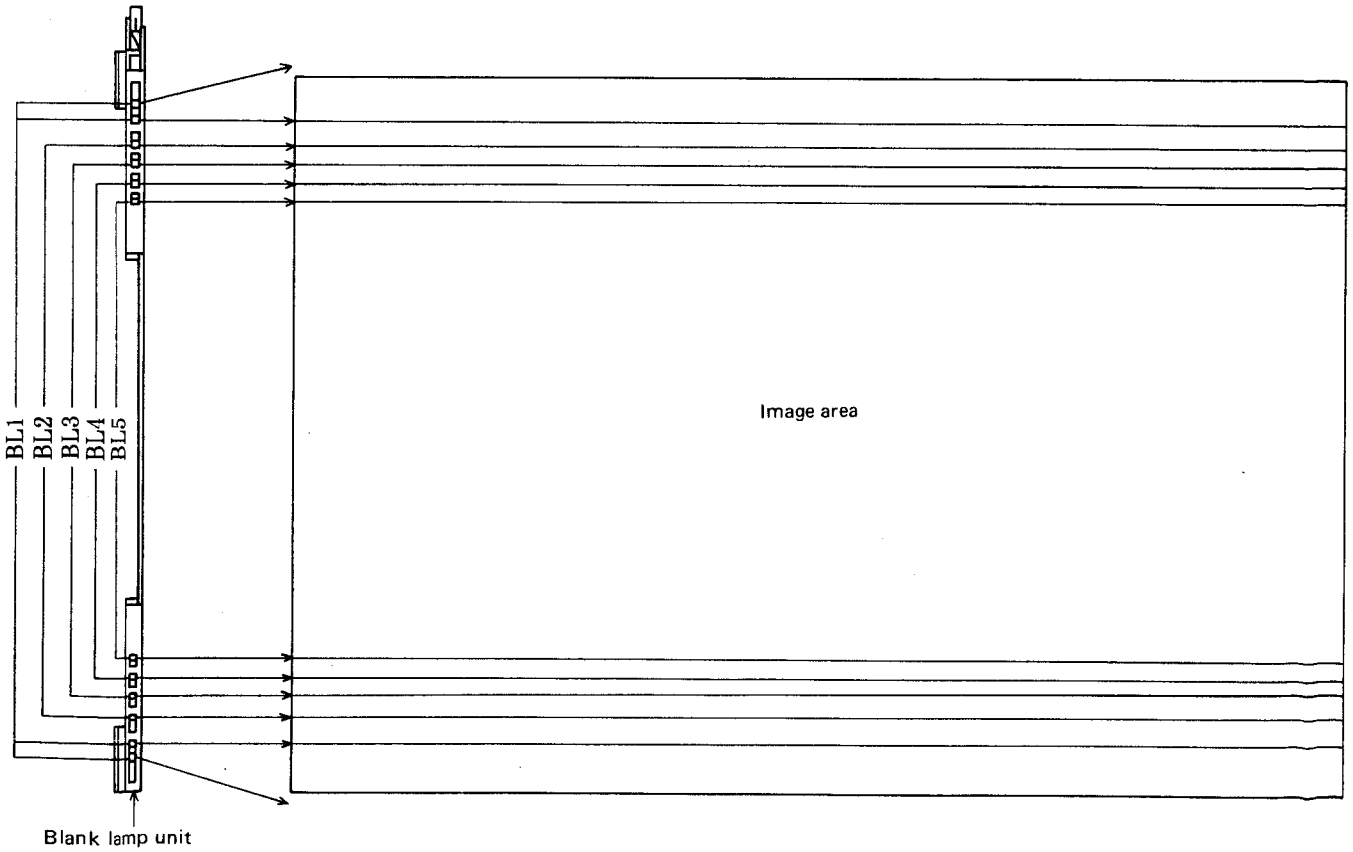
The copy lamp is controlled by the regulated power supply from the CL Reg PWB, to produce a stable illumination.

(3) Mirrors

The SF-8100 uses four mirrors, three are mounted on moving mirror base units, and one is mounted in the dark box.

(4) Lens (located in the dark box)

A two-lens group (zoom lens) is used.



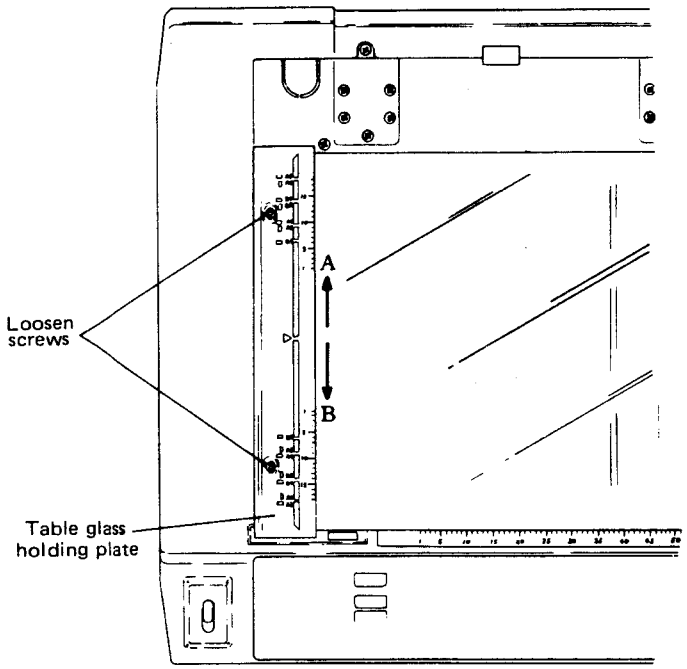
Drum developed view

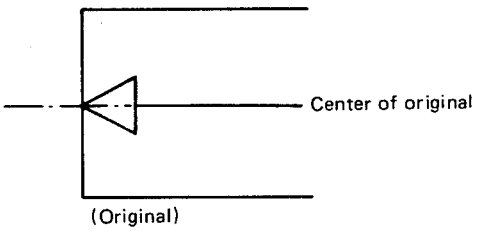
2. ADJUSTMENTS

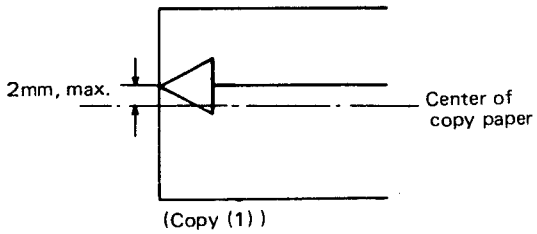
(1) Center deviation

To adjust the center deviation, the original table glass holding plate is moved either toward the front or rear frame sides. The center deviation should be less than ±2mm when measuring the copy against the original in the normal (1:1) mode.

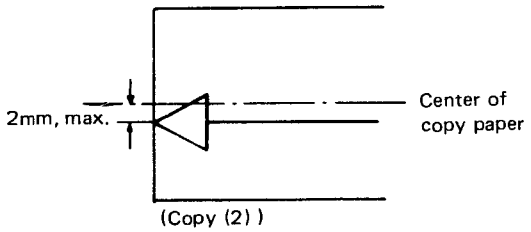
NOTE: If the position of the original glass holding plate is changed, the postion of the blanking lamp must also be changed.







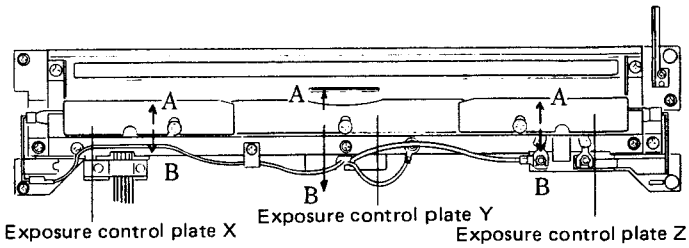
Move the table glass holding plate in direction A.



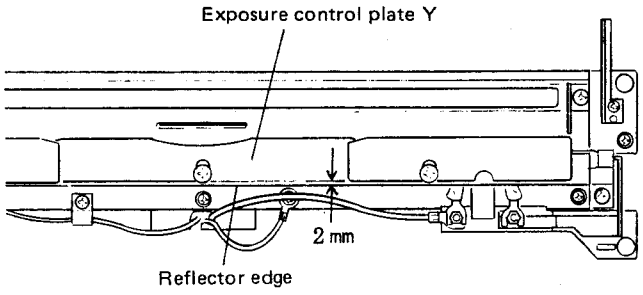
Move the table glass holding plate in direction B.

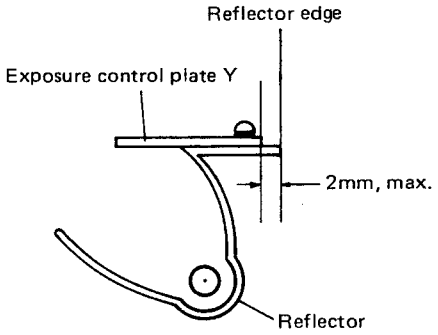
(2) Exposure balance adjustment

Make a half-tone copy in the normal (1:1) mode, then adjust the exposure balance by moving the exposure control plates X, Z, and Y in direction A or B. Direction A makes the exposure darker and direction B makes the exposure lighter.

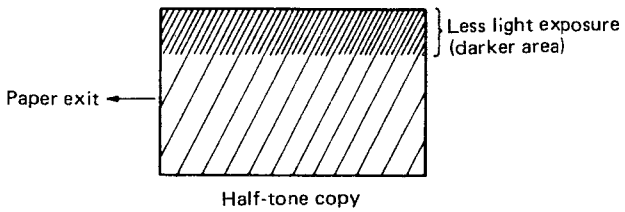


NOTE: Adjust the exposure plate Y within 2 mm from the reflector edge.





Example: If the copy is like the one shown below, move exposure control plate Z in direction B to balance the exposure.



(3) Copy lead edge adjustment

The position of the lead edge of the copy is determined by the actuation timing of the paper stopper clutch (PSC). The CPU starts counting time and pulses immediately when the mirror base leaves the mirror home position sense switch (MHPSW). The time delay between the mirror base leaving home position and the time that the PSC is actuated varies for enlargement, reduction and normal modes. The times are preset using test command 50.

Adjustment procedure:

① Place an original on the original table glass.

② Enter test command 50. Press the following sequence of keys:
Clear → Repeat → Zero → Pause → 5 → 0 → PSW
The previously stored value (the contents of PSC-a memory) is displayed as a number between 1 and 99. The ready lamp is on.

③ Set the PSC-a memory to "00". Press 0 → 0 → PSW keys. "00" is displayed, and the contents of PSC-a memory is reset to zero.

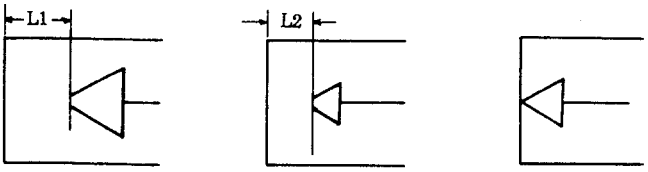
④ Press the Pause key, the pause lamp turns on and the preset value for the contents of PSC-b memory is displayed as a number between 1 and 99.

⑤ Set the PSC-b memory to "00" Press 0 → 0 → PSW keys. "00" is displayed, and the contents of PSC-b memory is reset to zero.

NOTE: The key operation in steps 3 and 5 cannot be performed unless the ready light is on.
PSC-a and PSC-b are preset memory values that determine the actuation timing of the PSC.
PSC-a is the adjustable value for the lead edge and is adjusted for the three modes of operation. If PSC-a was not set correctly, the lead edge varies according to the magnification ratio.
PSC-b is the preset value to adjust the actuation time of the PSC against the lead edge of the image on the drum.

⑥ Make five copies each in reduction and enlargement modes and compare the lead edge deviation.

NOTE: Command entry may not be attained unless the ready light is on.



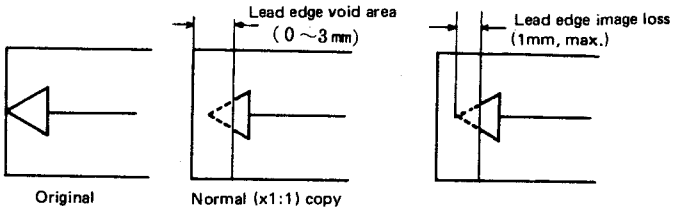
⑦ The values for PSC-a may be obtained by using the following formula:
PSC-a = 4.67 x (L1 – L2)
PSC-b = (6.54 x L2) – (29.7 x L1) –5.36
Where:
L1 = the lead edge deviation in the enlarge mode (x 1.42)
L2 = the lead edge deviation in the reduce mode (x 0.64)
The unit of measurement is millimeters. Round off decimal numbers.
Apply the same when the ADF (SF-463) is used.

⑧ Push the pause key to turn the pause light off.

⑨ Key in the value of PSC-a obtained in step ⑦
Press: (PSC-a value) – PSW

⑩ Key in the value of PSC-b obtained in step ⑦
Press: Pause – (PSC-b value) – PSW
An error in the PSC-b value will cause a deviation of 0.22 mm, without regard to magnification ratio.

⑪ Make one copy in the normal mode. Check the lead edge deviation (0 to 3 mm), and the lead edge image loss in the normal mode (within 1 mm). If the ADF is used, the lead edge image loss must be less than 3.0 mm.



⑫ Push the clear key to clear test command 50.

NOTE: Whenever the mirror home position switch is replaced or if its location changes, the lead edge adjustment must be performed.

(4) Blank lamp adjustment

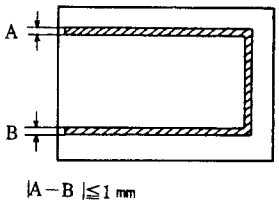
The position of the blanking lamp assembly must be adjusted for any of the following conditions:

- After the blanking lamp assembly is replaced or disassembled.
- After center deviation adjustment.
- After the dark box unit is replaced, disassembled, or adjusted.
- After a mirror is replaced.

① Recheck the center deviation (within ±2 mm), readjust as necessary.

② Place a blank sheet of A3 (11" x 17") paper on the original glass and make a copy in the reduction mode (x 0.64) with the original cover left open.

③ Measure the width of the toned area on the front and rear frame sides. Adjust the two screws on the blanking lamp assembly so that the difference between the sides is within 1 mm.



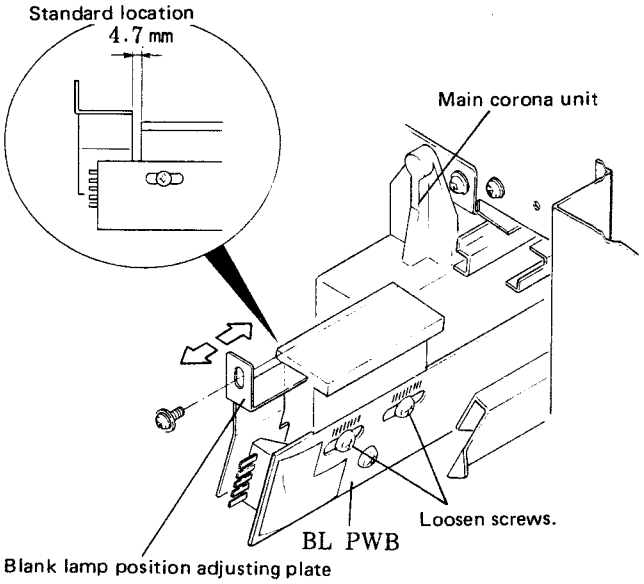


CHART FOR PSC-a, and PSC-b, SET NUMBER

L1 = the lead edge image loss in the enlarge mode (x 1.41)
L2 = the lead edge image loss in the reduce mode (x 0.64)

A = Number for be set (PSC-a)
B = Number for be set (PSC-b)

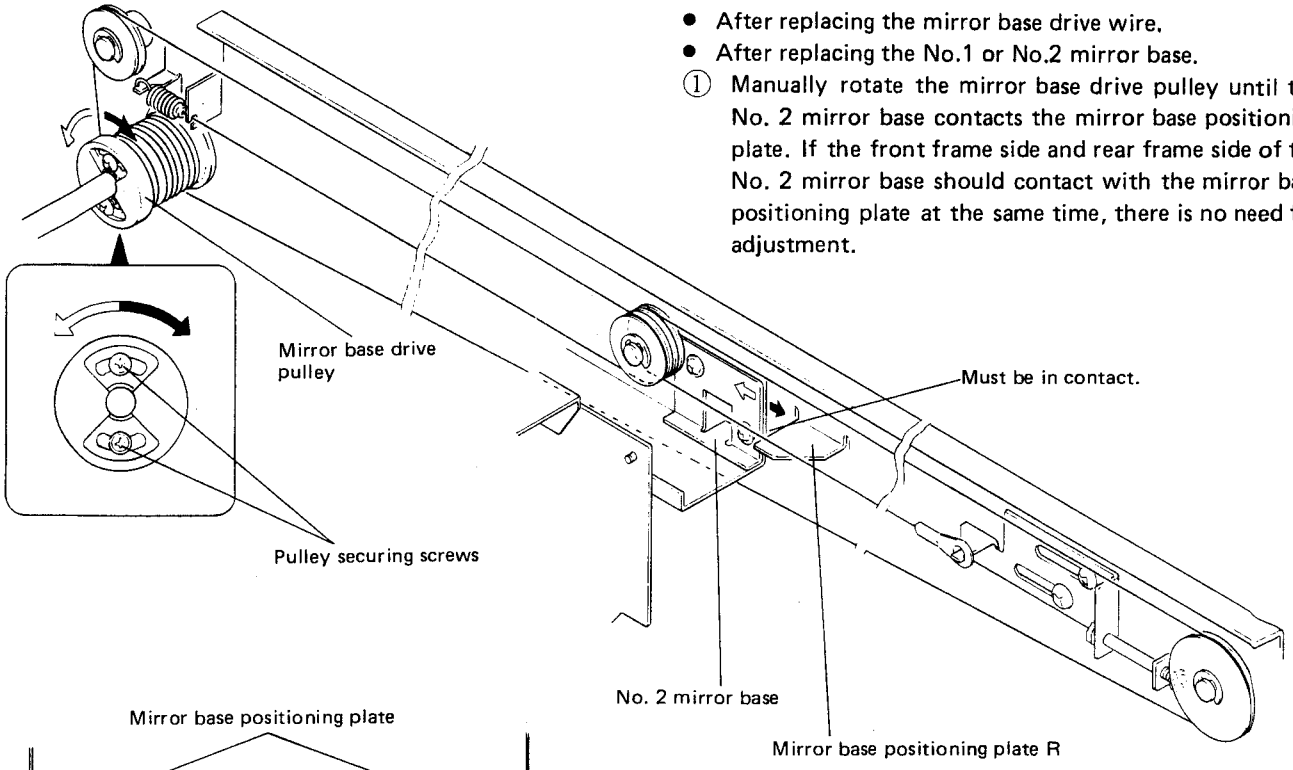
L2		L1 29	30	31	32	33	34	35	36	37	38	39
20.0	A	42 44 47 49	51 54 56 58	61 63 65 68	70 72 75 77	79 82 84 86	89 91					
	B	39 38 36 35	33 32 30 29	27 26 24 23	21 20 19 17	16 14 13 11	10 8					
20.5	A	40 42 44 47	49 51 54 56	58 61 63 65	68 70 72 75	77 79 82 84	86 89					
	B	43 41 40 38	37 35 34 32	31 29 28 26	25 23 22 20	19 17 16 14	13 11					
21.0	A	37 40 42 44	47 49 51 54	56 58 61 63	65 68 70 72	75 77 79 82	84 86					
	B	46 44 43 41	40 38 37 35	34 32 31 30	28 27 25 24	22 21 19 18	16 15					
21.5	A	35 37 40 42	44 47 49 51	54 56 58 61	63 65 68 70	72 75 77 79	82 84					
	B	49 48 46 45	43 42 40 39	37 36 34 33	31 30 28 27	25 24 22 21	19 18					
22.0	A	33 35 37 40	42 44 47 49	51 54 56 58	61 63 65 68	70 72 75 77	79 82					
	B	52 51 49 48	46 45 43 42	41 39 38 36	35 33 32 30	29 27 26 24	23 21					
22.5	A	30 33 35 37	40 42 44 47	49 51 54 56	58 61 63 65	68 70 72 75	77 79					
	B	56 54 53 51	50 48 47 45	44 42 41 39	38 36 35 33	32 30 29 27	26 24					
23.0	A	28 30 33 35	37 40 42 44	47 49 51 54	56 58 61 63	65 68 70 72	75 77					
	B	59 57 56 54	53 52 50 49	47 46 44 43	41 40 38 37	35 34 32 31	29 28					
23.5	A	26 28 30 33	35 37 40 42	44 47 49 51	54 56 58 61	63 65 68 70	72 75					
	B	62 61 59 58	56 55 53 52	50 49 47 46	44 43 41 40	38 37 35 34	33 31					
24.0	A	23 26 28 30	33 35 37 40	42 44 47 49	51 54 56 58	61 63 65 68	70 72					
	B	65 64 63 61	60 58 57 55	54 52 51 49	48 46 45 43	42 40 39 37	36 34					
24.5	A	21 23 26 28	30 33 35 37	40 42 44 47	49 51 54 56	58 61 63 65	68 70					
	B	69 67 66 64	63 61 60 58	57 55 54 52	51 49 48 46	45 43 42 41	39 38					
25.0	A	19 21 23 26	28 30 33 35	37 40 42 44	47 49 51 54	56 58 61 63	65 68					
	B	72 71 69 68	66 65 63 62	60 59 57 56	54 53 51 50	48 47 45 44	42 41					
25.5	A	16 19 21 23	26 28 30 33	35 37 40 42	44 47 49 51	54 56 58 61	63 65					
	B	75 74 72 71	69 68 66 65	63 62 60 59	57 56 54 53	52 50 49 47	46 44					
26.0	A	14 16 19 21	23 26 28 30	33 35 37 40	42 44 47 49	51 54 56 58	61 63					
	B	79 77 76 74	73 71 70 68	67 65 64 62	61 59 58 56	55 53 52 50	49 47					
26.5	A	12 14 16 19	21 23 26 28	30 33 35 37	40 42 44 47	49 51 54 56	58 61					
	B	82 80 79 77	76 74 73 71	70 68 67 65	64 63 61 60	58 57 55 54	52 51					
27.0	A	9 12 14 16	19 21 23 26	28 30 33 35	37 40 42 44	47 49 51 54	56 58					
	B	85 84 82 81	79 78 76 75	73 72 70 69	67 66 64 63	61 60 58 57	55 54					
27.5	A	7 9 12 14	16 19 21 23	26 28 30 33	35 37 40 42	44 47 49 51	54 56					
	B	88 87 85 84	82 81 79 78	76 75 74 72	71 69 68 66	65 63 62 60	59 57					
28.0	A	5 7 9 12	14 16 19 21	23 26 28 30	33 35 37 40	42 44 47 49	51 54					
	B	92 90 89 87	86 84 83 81	80 78 77 75	74 72 71 69	68 66 65 63	62 60					

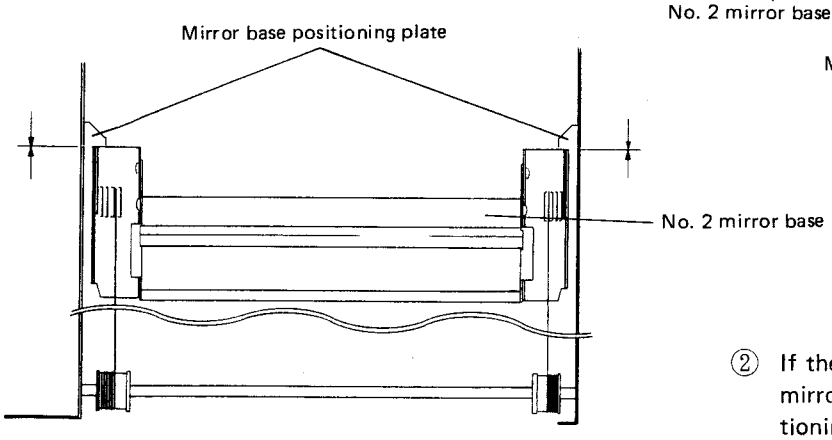
(5) No. 2 mirror parallel adjustment
(Longitudinal skew adjustment-1)

This procedure is for adjusting the No. 2 mirror base parallel with the drum surface and original surface to eliminate copy skew. If a skew should still be present after the adjustment, do the longitudinal skew adjustment-2.
Adjustment has to be done for any of the following conditions:

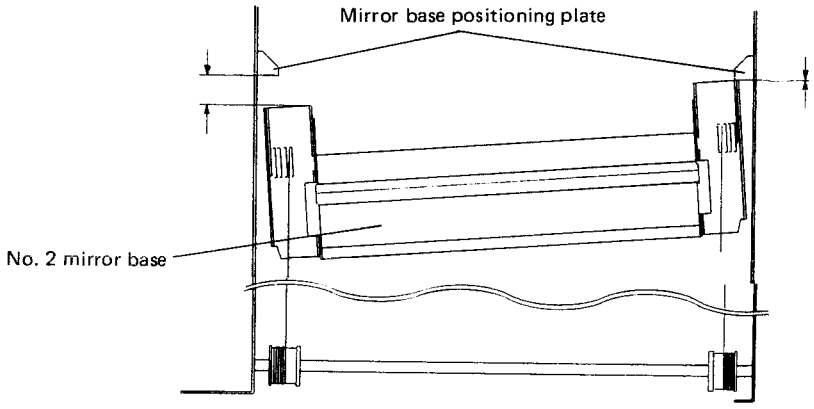
- After replacing the mirror base drive wire.
- After replacing the No.1 or No.2 mirror base.

① Manually rotate the mirror base drive pulley until the No. 2 mirror base contacts the mirror base positioning plate. If the front frame side and rear frame side of the No. 2 mirror base should contact with the mirror base positioning plate at the same time, there is no need for adjustment.



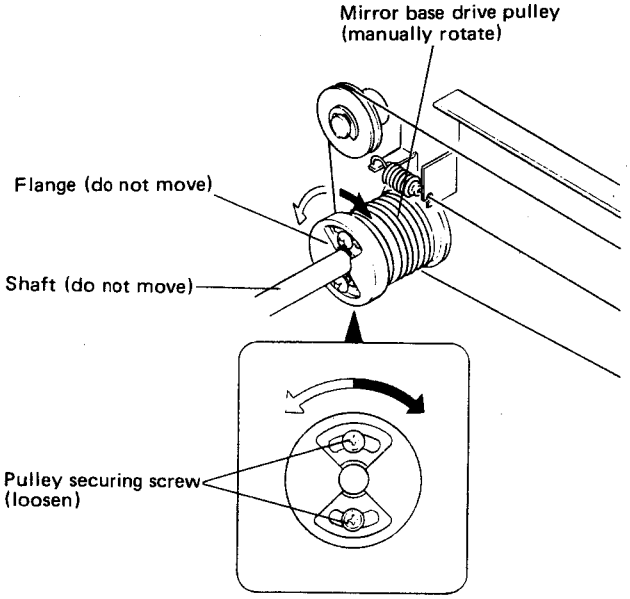


② If the No. 2 mirror base is not parallel, one side of the mirror base is in contact with the mirror base positioning plate, and other side not in contact, do the adjustment in the following manner.



③ Loosen the screw of the mirror base drive pulley on the side where the No. 2 mirror base is not in contact with the mirror base positioning plate.

④ Manually rotate the mirror base drive pulley on the side where the No.2 mirror base is in contact with the mirror base positioning plate, and stop it when the No. 2 mirror base comes in contact with the mirror base positioning plate. Do not move the flange and the mirror base drive pulley shaft.



⑤ Fasten the mirror base drive pulley screw.

⑥ Manually rotate the mirror base drive pulley to shift the No.2 mirror base away from the mirror base positioning plate, then adjust it to contact the positioning plate again. Make sure that both frame sides of the No. 2 mirror base are in contact at the same time.

⑦ If the above step 6 was not successful, repeat steps 3 thru 6 until satisfactory.

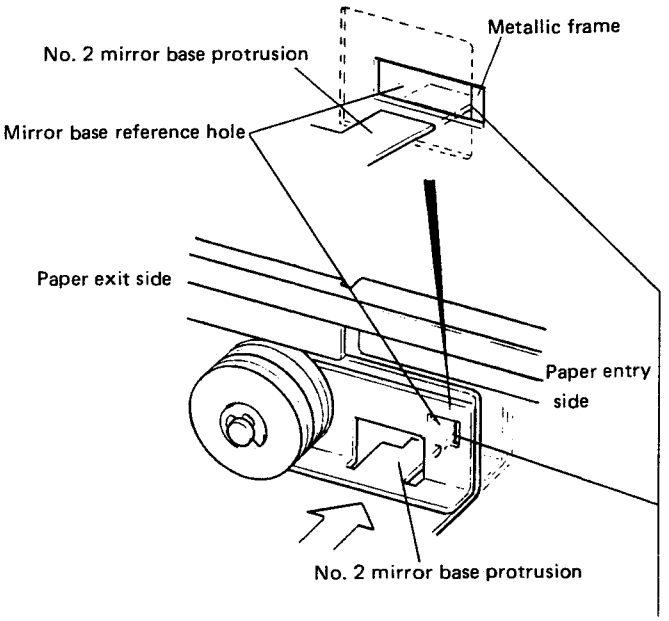
(6) No.1 mirror base position adjustment
(Focus adjustment-1)

The optical distance between the original and the drum is adjusted by moving the position of the No.1 mirror base for a proper copy focus. If the proper copy focus was not obtained after this adjustment, do focus adjustment-2.

This adjustment must be done for any of the following reasons:

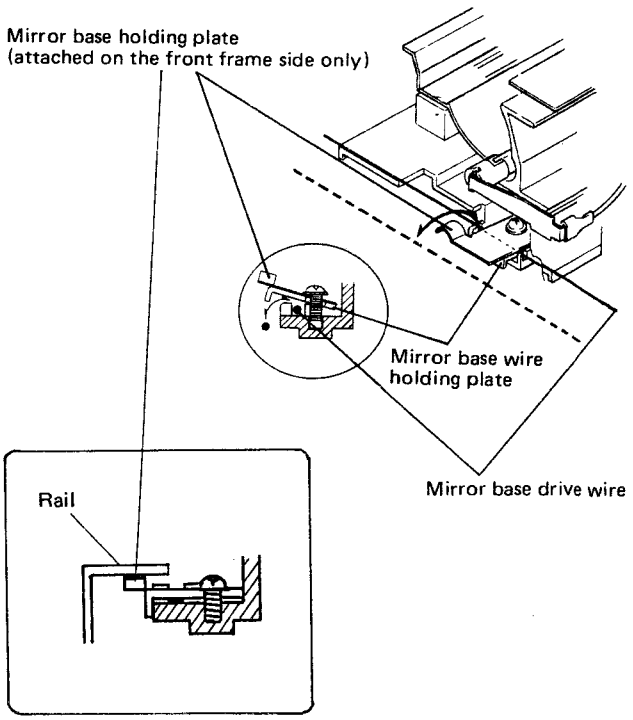
- After replacing the mirror base drive wire.
- After replacing the No.1 mirror base, or No. 2 mirror base.
- After replacing a dark box unit component.

① Manually rotate the mirror base drive pulley. Match and insert the protrusion in the No.2 mirror base to the mirror base reference hole (metal frame) on the rear frame side. And, match the paper entry side of the mirror base reference hole with the paper entry side of the No.2 mirror base protrusion.



Match the paper entry side of the mirror base reference hole with the paper entry side of the No. 2 mirror base protrusion.

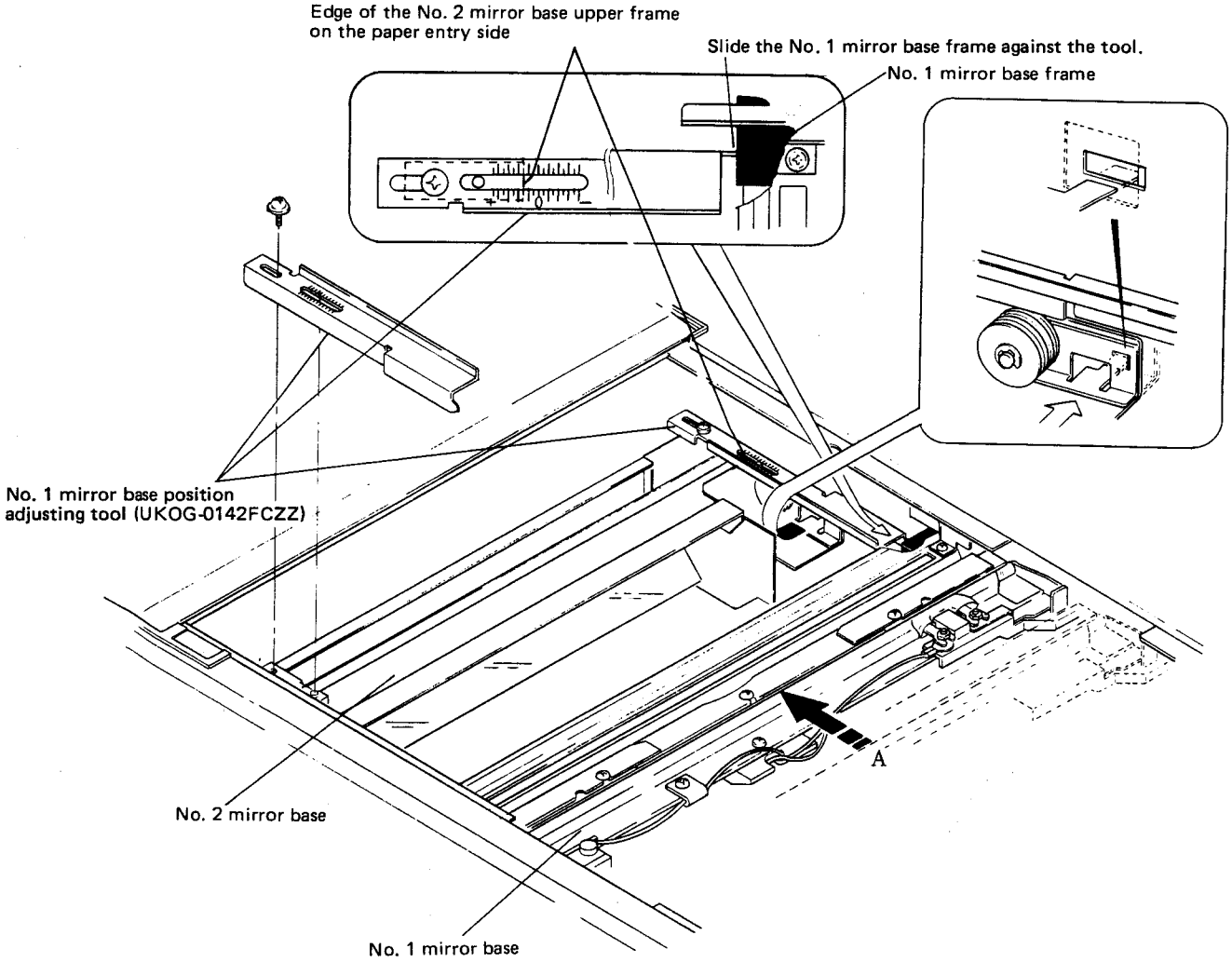
② Set the No.1 mirror base in the copier and route the mirror base drive wire on the front and rear frame sides through the No.1 mirror base frame and the mirror base wire holding plate. Do not fasten the mirror base wire holding screw.



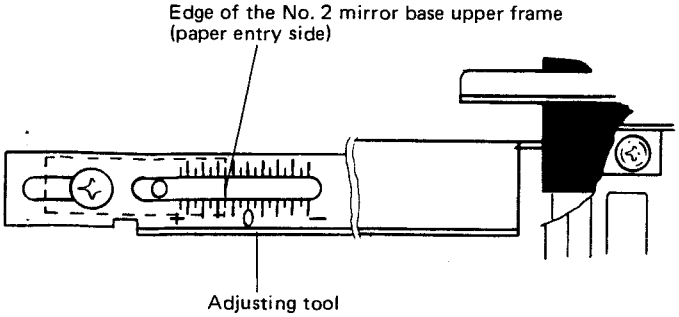
③ Read the lens number.

(When using the special adjusting tool)

④ Attach with screws, the No. 1 mirror base position adjusting tools on the front and rear frame sides of the No.2 mirror base. Match the edge of the No.2 mirror base upper frame on the paper entry side to the lens number marked on the scale of the tool.

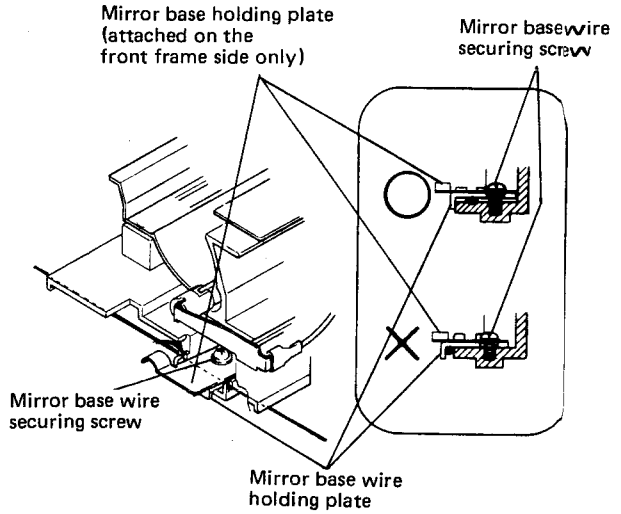

Edge of the No. 2 mirror base upper frame on the paper entry side
Slide the No. 1 mirror base frame against the tool.
No. 1 mirror base frame
No. 1 mirror base position adjusting tool (UKOG-0142FCZZ)
A
No. 2 mirror base
No. 1 mirror base

(Example) If the lens number is "+1.5"), match the edge of the No.2 mirror base upper frame (paper entry side) to the scale reading "+1.5" on the tool.



⑤ Slide the No.1 mirror base towards the No.2 mirror base (arrow direction A) until it contacts the No. 1 mirror base position adjusting tools on the front and rear frame sides (see the figure of 4).

⑥ Tighten the No.1 mirror base wire screw to fix the mirror base wire on both frame sides to the No.1 mirror base.

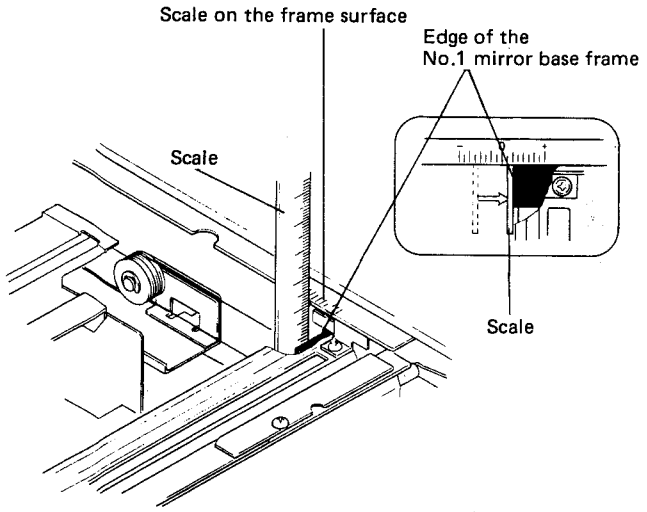

Mirror base holding plate (attached on the front frame side only)
Mirror base wire securing screw
Mirror base wire securing screw
Mirror base wire holding plate

⑦ Move the No.2 mirror base towards the front frame side.

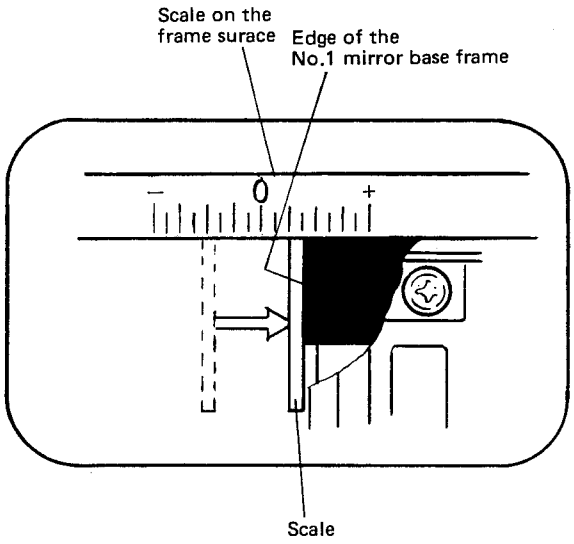
⑧ Remove the No.1 mirror base position adjusting tool from the No.2 mirror base.

(If the special adjust tool is not used)

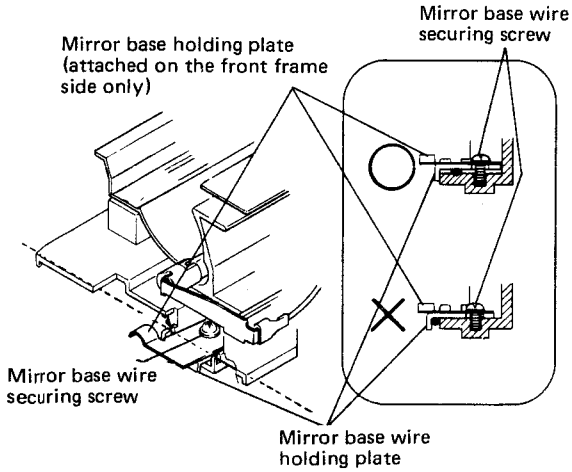
④ Slide the No.1 mirror base and match the edges of the No.1 mirror base frame (on both frame sides) to the lens number marked on the scale of the frame.



(Example) If the lens number is "+1.5", match the edge of the No.1 mirror base frame to the scale reading "+1.5" on the frame surface.



⑤ Tighten the No.1 mirror base wire screw to fix the mirror base wire on both frame sides to the No.1 mirror base.


Mirror base wire securing screw
Mirror base holding plate (attached on the front frame side only)
Mirror base wire securing screw
Mirror base wire holding plate

⑥ Move the No.2 mirror base towards the front frame side.

(7) Focus adjustment-2

This method is basically the same as the focus adjustment-1, but the position of the No.1 mirror base is assumed on the basis of the copy taken from the copier.

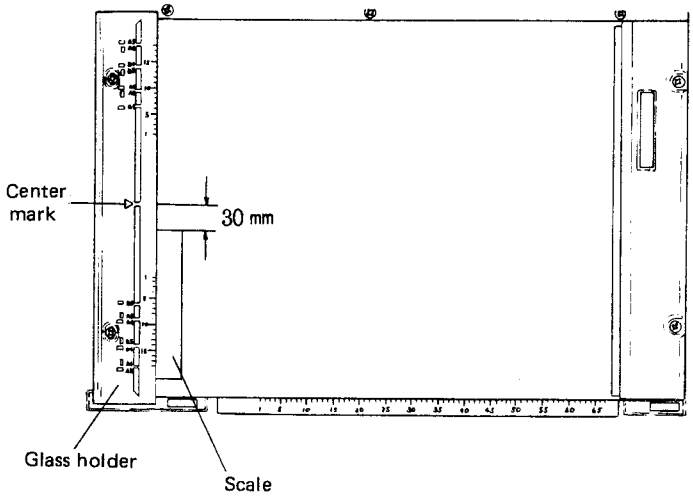
This method is higher in its accuracy than the focus adjustment-1.

The adjustment is needed for any of the following reasons:

- After replacing the mirror base drive wire.
- After replacing the No.1 mirror base or No.2 mirror base.
- After replacing a dark box unit component.

① Place a scale parallel to the glass holder, 30 mm to the front frame side from the center mark.

② Make a copy (A4, 8-1/2" x 11", 8-1/2" lead edge) in the normal (x1.0) mode.

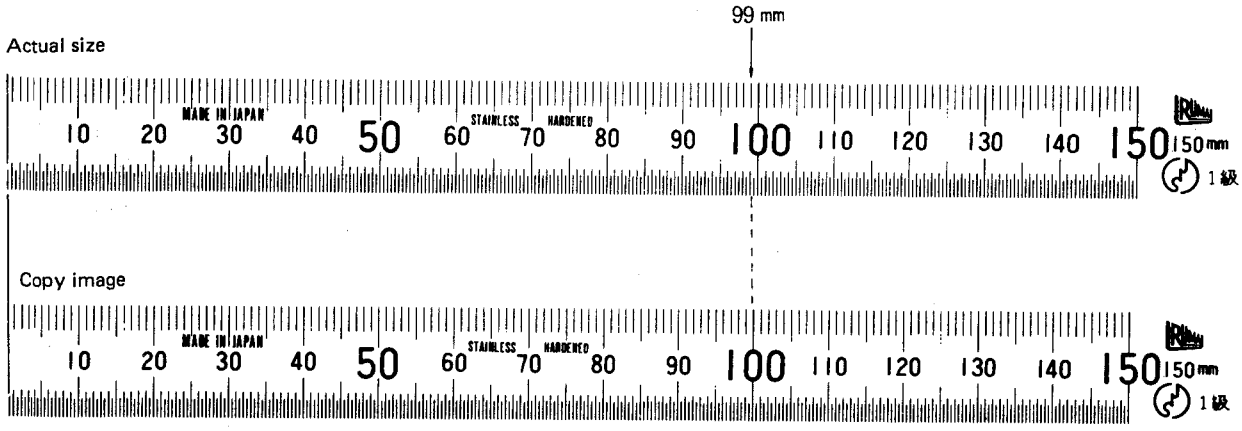


③ Obtain the copy magnification ratio on the front frame side.

$$\text{MF (copy magnification ratio)} = \frac{\text{Copy length}}{\text{Actual size}}$$

If MF = 1, steps ④ and ⑨ thru ⑫ are not needed.

(Example)



$MF = \frac{99}{100} = 0.99$ Magnification ratio can be easily obtained when a 100mm part is measured.

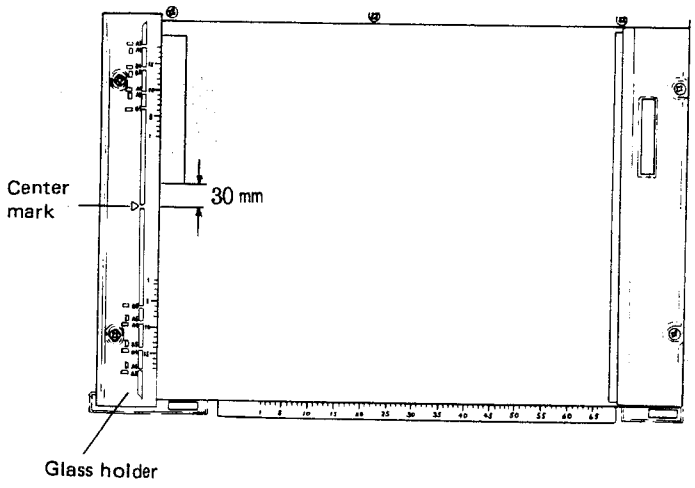
④ Obtain the moving distance (LF) of the No. 1 mirror base front frame side.

$$LF = 420 - \frac{420}{MF}$$

(Example)

$$LF = 420 - \frac{420}{0.99} = -4.2$$

⑤ Place the scale parallel to the glass holder, 30 mm to the rear frame side from the center mark.



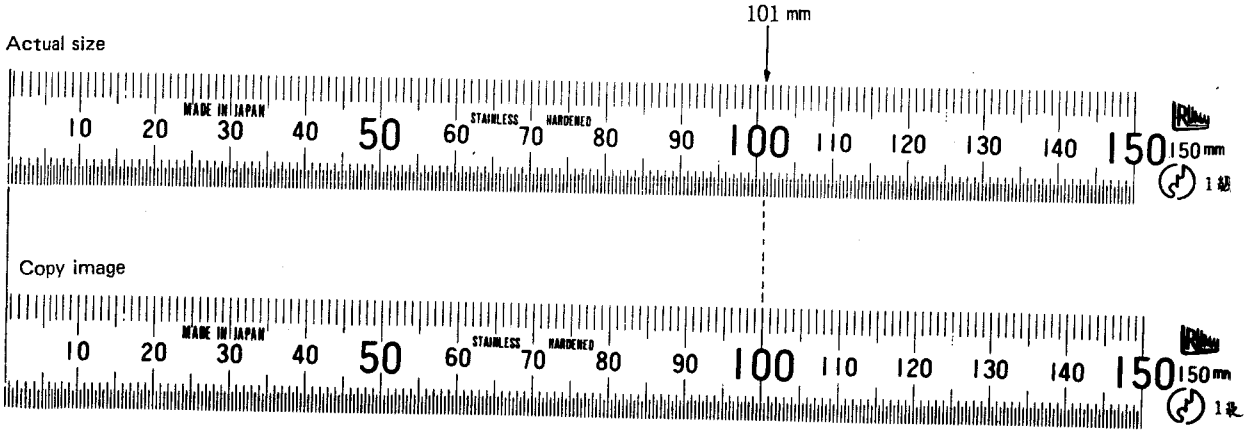
⑥ Make a copy (A4, 8-1/2" x 11", 8-1/2" lead edge) in the normal (x1.0) mode.

⑦ Obtain the copy magnification ratio on the rear frame side.

$$MR \text{ (copy magnification ratio)} = \frac{\text{Copy length}}{\text{Actual size}}$$

If MR = 1, steps ⑧ and ⑬ thru ⑯ are not needed.

(Example)



$MR = \frac{101}{100} = 1.01$ Magnification ratio can be easily obtained when a 100mm part is measured.

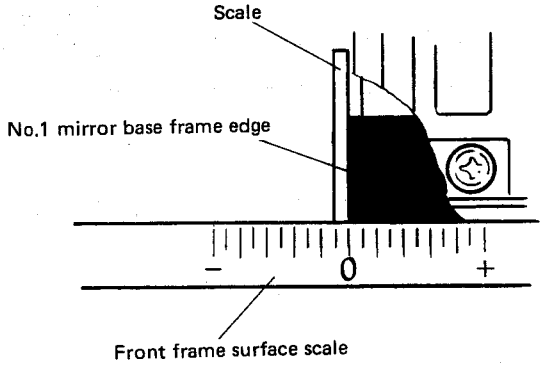
⑧ Obtain the No.1 mirror base moving distance on the rear frame side (LR).

$$LR = 420 - \frac{420}{MR}$$

(Example)

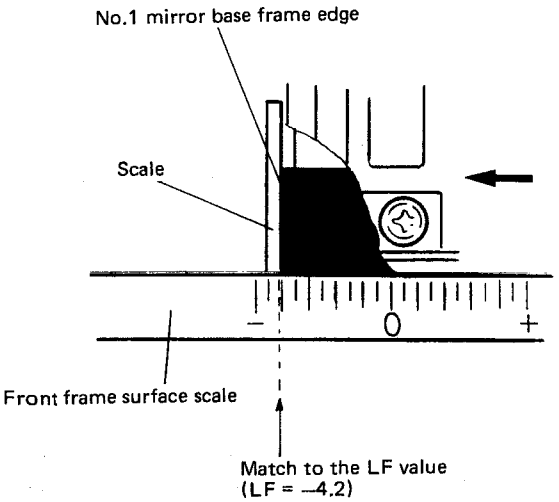
$$LR = 420 - \frac{420}{1.01} = 4.2$$

⑨ Manually rotate the mirror base drive pulley and match the No.1 mirror base front frame side edge to the scale reading "0" on the surface of the front frame.



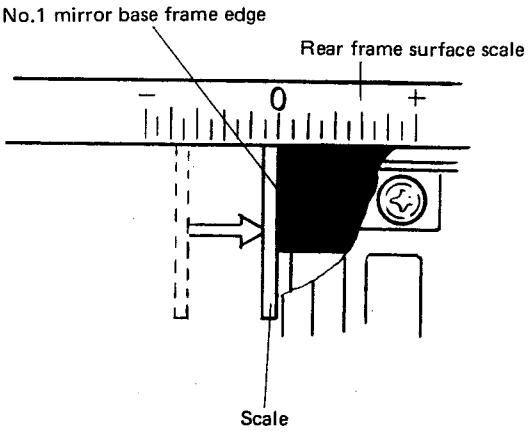
⑩ Loosen the screw that holds the wire on the front frame side of the No.1 mirror.

⑪ Move the front frame side of the No.1 mirror base as much as the value of LF obtained at 4 . Do not move the No.2 mirror base.
If the value of LF is positive, move it towards "+" side of the scale (paper entry side).
If the value of LF is negative, move it towards "–" side of the scale (paper exit side).
(Example)



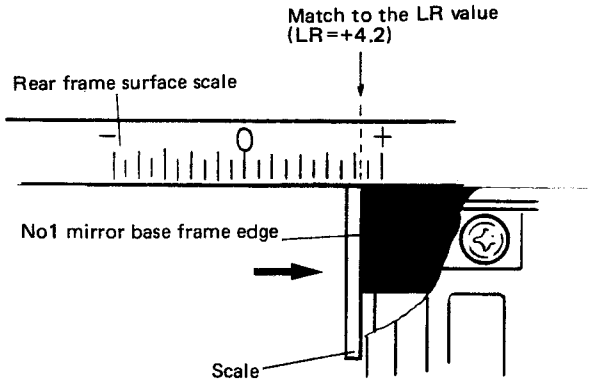
⑫ Fasten the screw that secures the mirror base wire on the front frame side of the No.1 mirror.

⑬ Manually rotate the mirror base drive pulley and match the edge of the No.1 mirror base on the rear frame side with the zero scale reading on the rear frame surface.



⑭ Loosen the screw that secures the mirror base wire on the rear frame side of the No.1 mirror base.

⑮ Move the rear frame side of the No.1 mirror base as much as the value of LR obtained at 8 . Do not move the No.2 mirror base.
If the value of LR is positive, move it towards "+" side of the scale (paper entry side).
If the value of LR is negative, move it towards "–" side of the scale (paper exit side).
(Example)



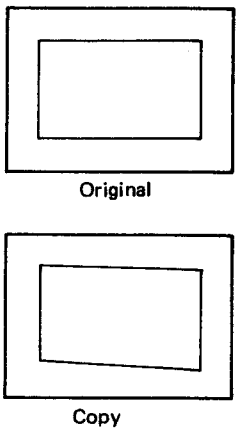
⑯ Fasten the screw that secures the mirror base wire on the rear frame side of the No.1 mirror.

⑰ Repeat ① thru ③ and ⑤ thru ⑦.
If the copy ratios on both the front (MF) and rear (MR) frame sides are "1.0", the adjustment has been complete.
If not, repeat ① thru ⑰ until both MF and MR are "1.0".

(8) Longitudinal skew adjustment-2

This method is basically the same as the longitudinal skew adjustment-1, but the tilt of the No.2 mirror base is assumed on the basis of the copy taken from the copier.
This method is higher in its accuracy than the longitudinal skew adjustment-1.
The adjustment is needed for any of the following reasons:

- After replacing the mirror base drive wire.
- After replacing the No.1 mirror base or No.2 mirror base.
- When the copy shown below is produced.



① Place a blank white sheet of A3 or 11" x 17" size on the original table, close to the table glass holder and the front frame side.

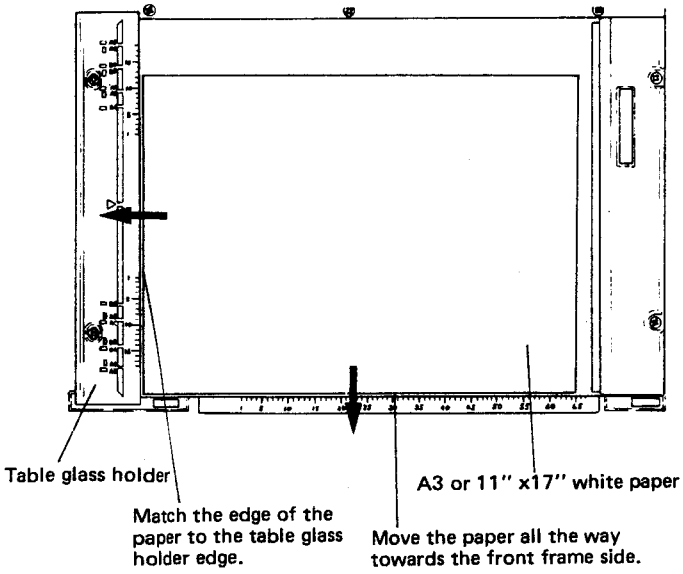
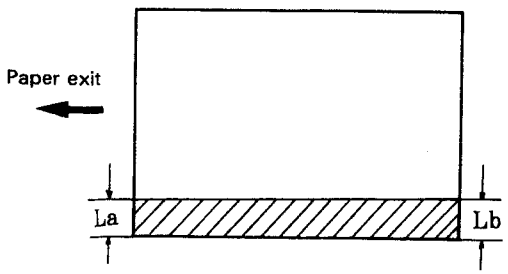


Table glass holder
Match the edge of the paper to the table glass holder edge.
A3 or 11" x17" white paper
Move the paper all the way towards the front frame side.

② Make a copy on the A3 or 11" x 17" paper in the normal (x1.0) mode with the original cover left open.

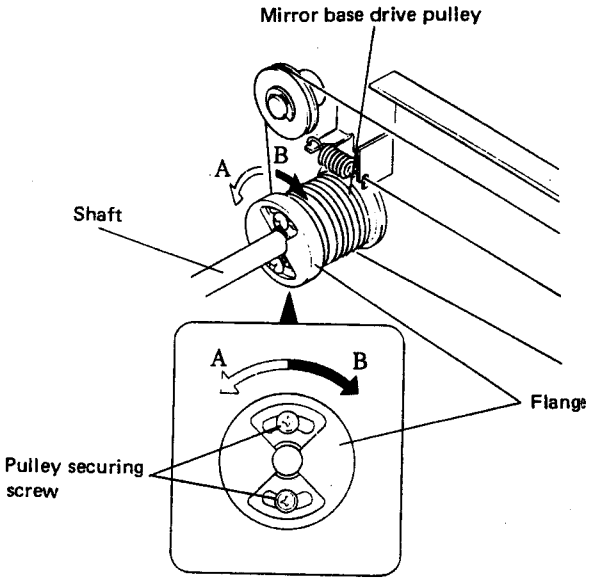
③ Measure all toned areas on the copy lead edge and trail edge.

Lead edge all toned area: La
Trail edge all toned area: Lb



If the all toned area on the lead edge (La) is same as the all toned area on the trail edge (Lb), adjustment is not required.
(Steps ④ thru ⑦ are not requipred.)

④ Loosen the rear frame side mirror base drive pulley screw.
If La is greater than Lb, turn the rear frame side mirror base drive pulley shaft in direction A. Do not move the flange and the mirror base drive pulley shaft.
If Lb is greater than La, turn the rear frame side mirror base drive pulley shaft in direction B. Do not move the flange and the mirror base drive pulley shaft.



⑤ Tighten the mirror base drive pulley screw to secure the mirror base drive pulley to the flange.

⑥ Do ① thru ③.

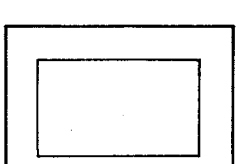
⑦ If La is not equal to Lb, do ④ and ⑤.
If La is equal to Lb, adjustment is complete.
Repeat ① thru ⑥ until La becomes equal to Lb.

(9) Transversal skew adjustment

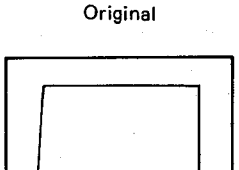
This job is to balance the front frame side of the No.2 mirror base against the rear frame side by adjusting the height of the No.2 mirror base rail for adjusting the transversal skew adjustment.

Adjustment is required for any of the following reasons:

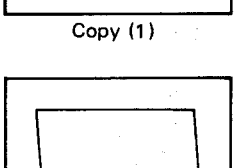
- After replacing the mirror base drive wire.
- After replacing the No.1 or No.2 mirror base.
- After replacing the No.2 mirror base rail or moving the rail location.
- When the copy shown below is produced.



Original

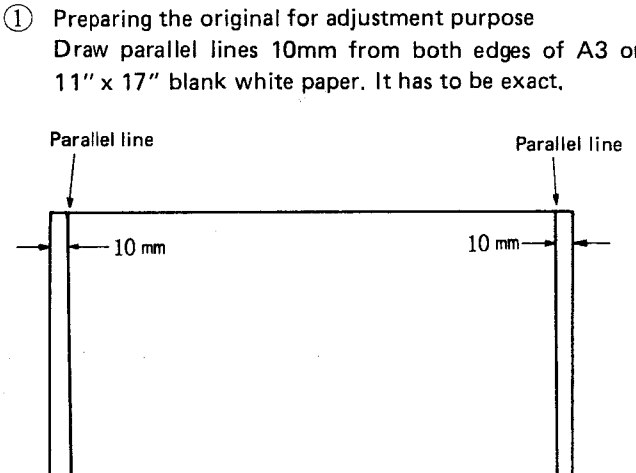


Copy (1)

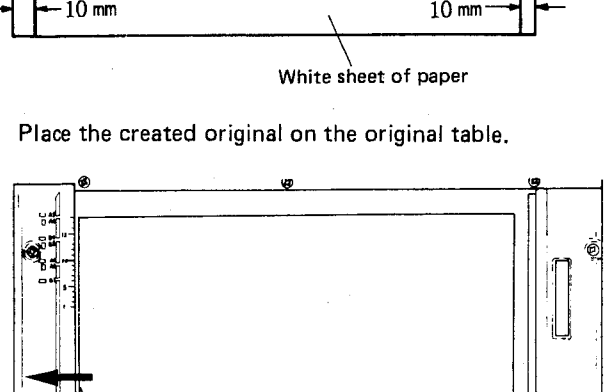


Copy (2)

① Preparing the original for adjustment purpose
Draw parallel lines 10mm from both edges of A3 or 11" x 17" blank white paper. It has to be exact.

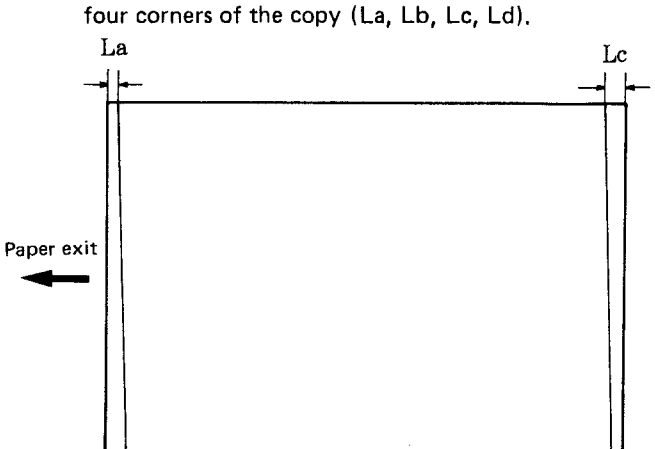


② Place the created original on the original table.



③ Make a copy on the A3 or 11" x 17" paper in the normal (x1.0) mode.

④ Measure the distance from the copy edge to the line at four corners of the copy (La, Lb, Lc, Ld).

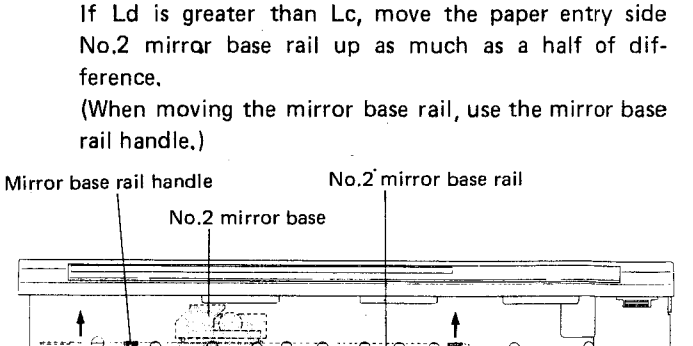


If La is equal to Lb and Lc to Ld, adjustment is not required.

⑤ Move the No.2 mirror base rail up and down (arrow direction) to adjust.
If La is greater than Lb, move the paper exit side mirror base rail up as much as a half of difference.
If Lb is greater than La, move the paper exit side mirror base rail down as much as a half of difference.
(Example)
In case La is 12 mm and Lb is 9 mm, move the paper exit side No.2 mirror base rail 1.5 mm up.

$$\frac{La - Lb}{2} = \frac{12 - 9}{2} = 1.5$$

If Lc is greater than Ld, move the paper entry side No.2 mirror base rail down as much as a half of difference.
If Ld is greater than Lc, move the paper entry side No.2 mirror base rail up as much as a half of difference.
(When moving the mirror base rail, use the mirror base rail handle.)



⑥ Repeat ② thru ③.

⑦ If La is not equal to Lb and Lc to Ld, do ② thru ⑤ until the conditions are met.

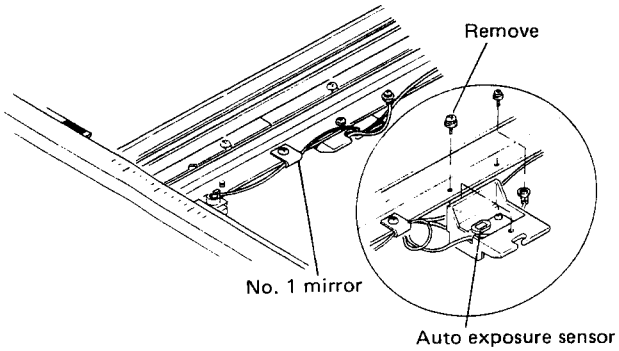
⑧ Manually rotate the mirror base drive pulley and make a full movement of the No.1 and No.2 mirror bases to check that they do not touch each other.
If the mirror base rail was moved an extreme amount, the mirror bases may come in contact each other.

3. Cleaning the auto exposure sensor

The auto exposure sensor must be cleaned every 20,000 copies.

① Remove the table glass holder and remove the table glass.
② Remove the mirror base cover.
③ Remove the auto exposure sensor securing screw.
④ Remove the auto exposure sensor along the sensor guide.
⑤ Wipe the sensor with a cloth dampened with alcohol.

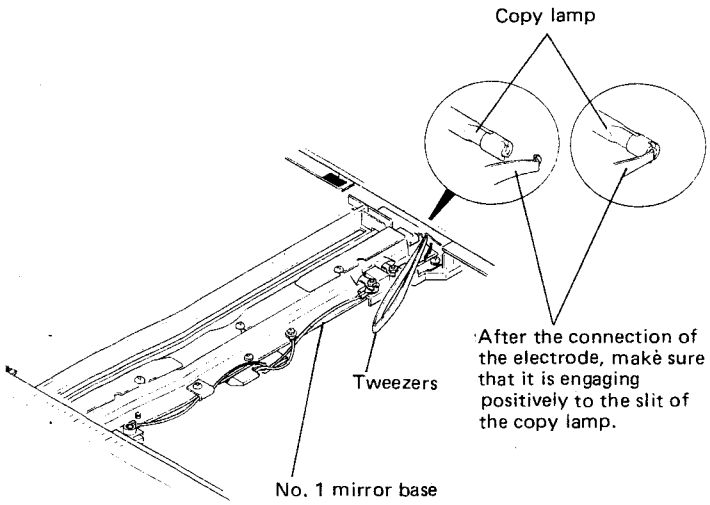
NOTE: Never use a dry cloth as it may impart an electrostatic charge to the sensor and cause more dust attraction.



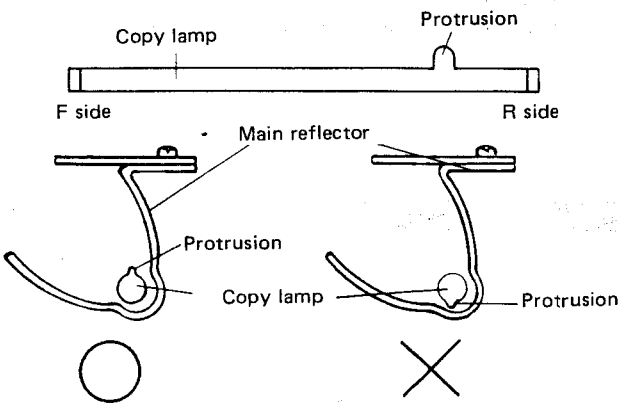
4. MAJOR COMPONENT REPLACEMENT

(1) Copy lamp

① Remove the table glass.
② Manually move No.1 mirror base to the cut to the frame. Move the mirror base by manually rotating the mirror base wire drive pulley and never move the mirror base directly with your hand.
③ Push the copy lamp electrode on the rear frame side in the direction of the arrow with such as a pair of tweezers.


Copy lamp
After the connection of the electrode, make sure that it is engaging positively to the slit of the copy lamp.
Tweezers
No. 1 mirror base

NOTE: The copy lamp has to be installed on its right place (direction).

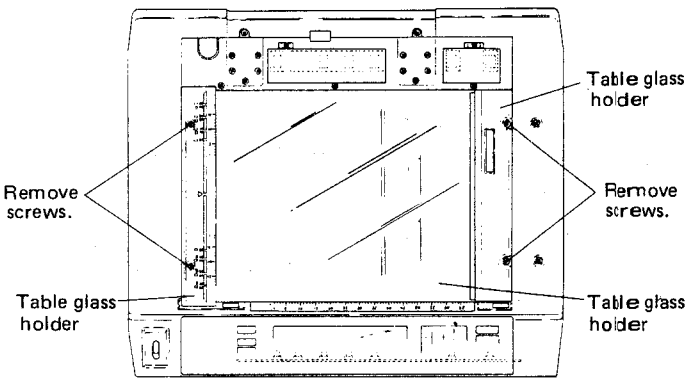


The copy lamp has to be installed as shown above with the protrusion of the copy lamp located on the rear frame side.

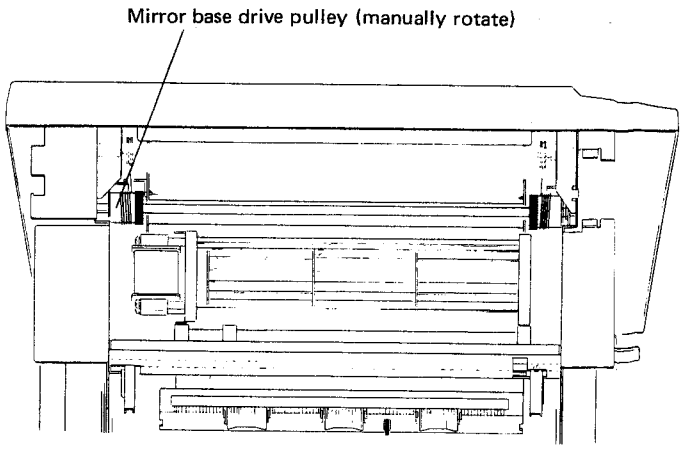
(2) Mirror base drive wire

A. Removing the No.1 mirror.

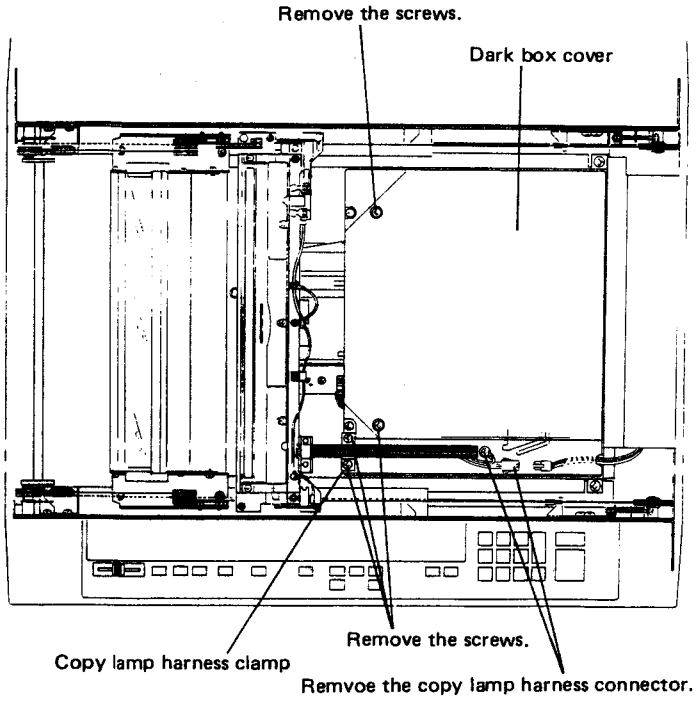
① Remove the table glass holder and remove the table glass.



② Remove the panel above the paper exit and the frame joint.
③ Manually rotate the mirror base drive pulley to move the mirror base to the paper exit side.

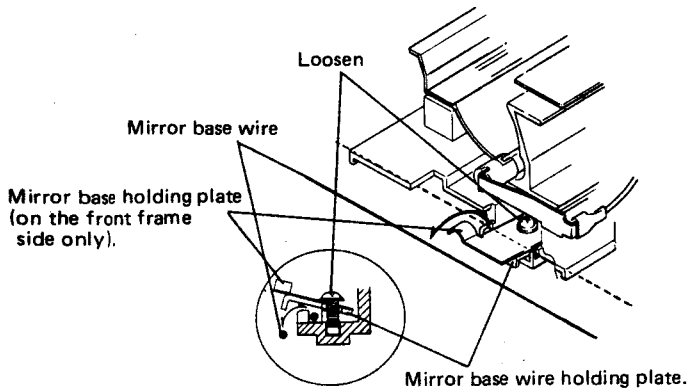


④ Remove the dark box cover, dark box copy lamp harness clamp, and the copy lamp connector.

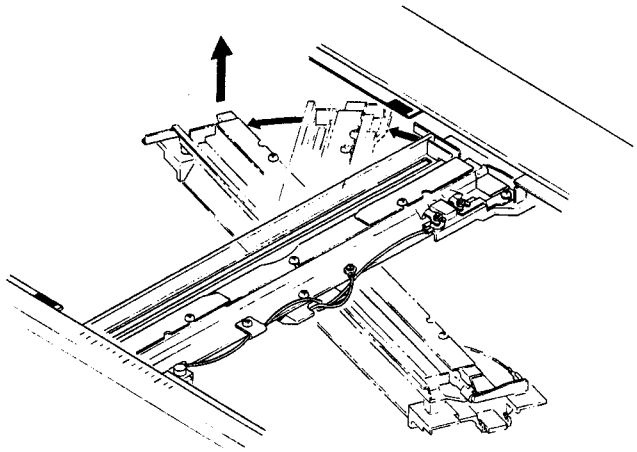


⑤ Manually rotate the mirror base drive wire to move the No.1 mirror base to a cut in the frame. Never move the mirror base directly with your hand. It may deform the reflector.

⑥ Loosen one each screw located on the front and rear frame sides of the No.1 mirror base and remove the mirror base wire in the direction of the arrow from the No.1 mirror base wire groove.

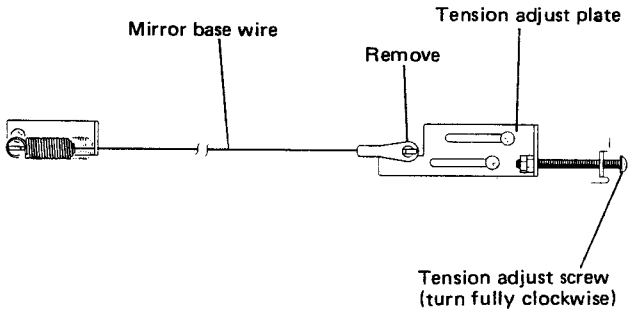


⑦ Move the No.1 mirror base as shown below and remove it from the unit.



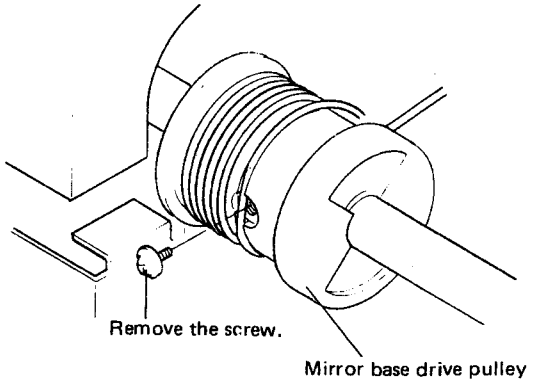
B. Removing the mirror base wire

① Turn the front frame side mirror base wire tension screw fully clockwise and loosen the mirror base wire tension.



② Remove the front frame side mirror base wire end from the tension adjust plate.

③ Remove the screw and remove the mirror base wire from the mirror base drive pulley.

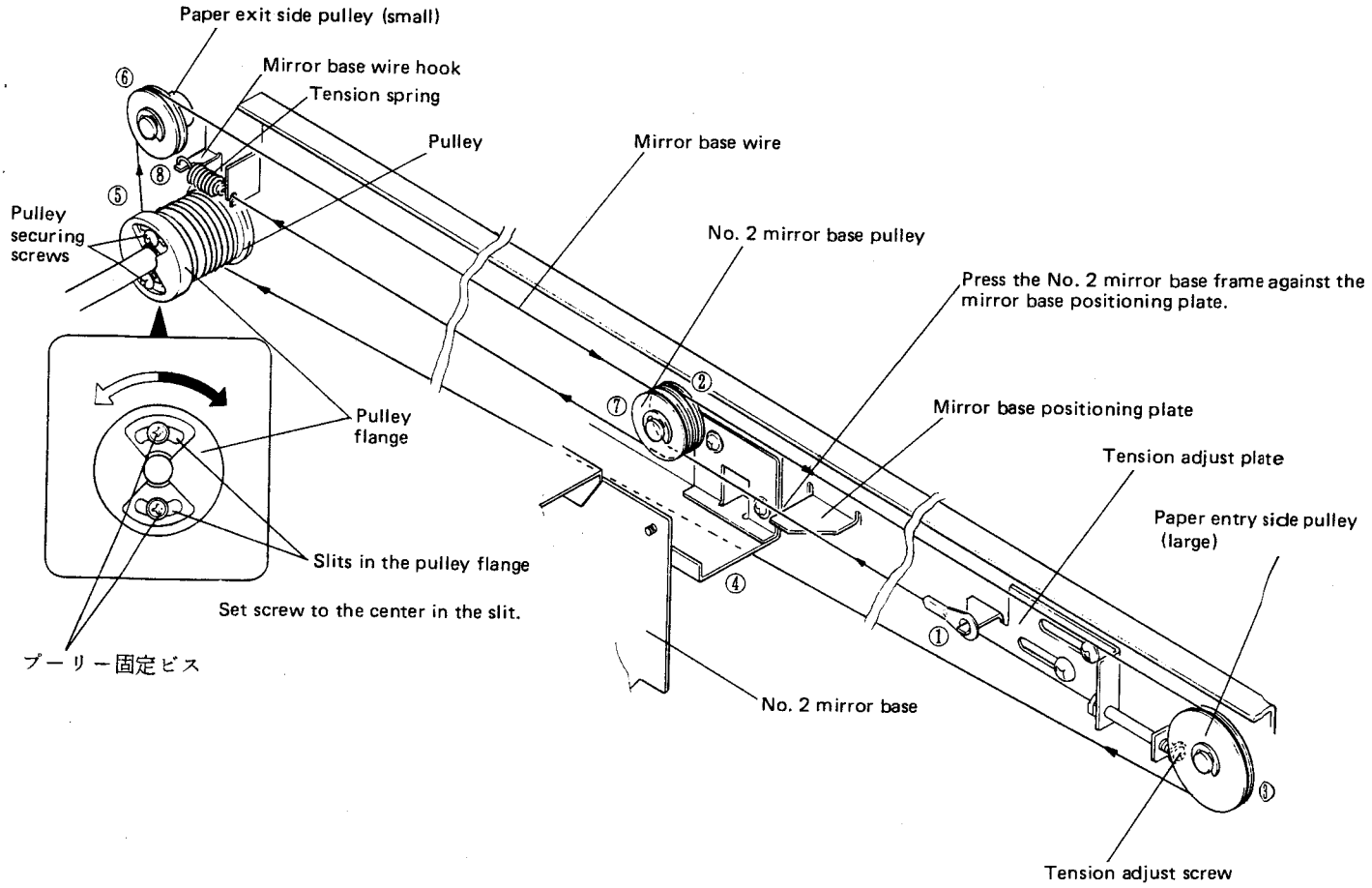


Do the same for the rear frame side.

C. Stretching the mirror base wire

Set the pulley securing screw to the center of the slit in the pulley flange. Set another screw on the opposite side.

① Apply the mirror base wire end (with the lug) to the tension adjust plate hook.


Paper exit side pulley (small)
Mirror base wire hook
Tension spring
Pulley
Mirror base wire
Pulley securing screws
No. 2 mirror base pulley
Press the No. 2 mirror base frame against the mirror base positioning plate.
Mirror base positioning plate
Tension adjust plate
Paper entry side pulley (large)
Pulley flange
Slits in the pulley flange
Set screw to the center in the slit.
プーリー固定ビス
No. 2 mirror base
Tension adjust screw

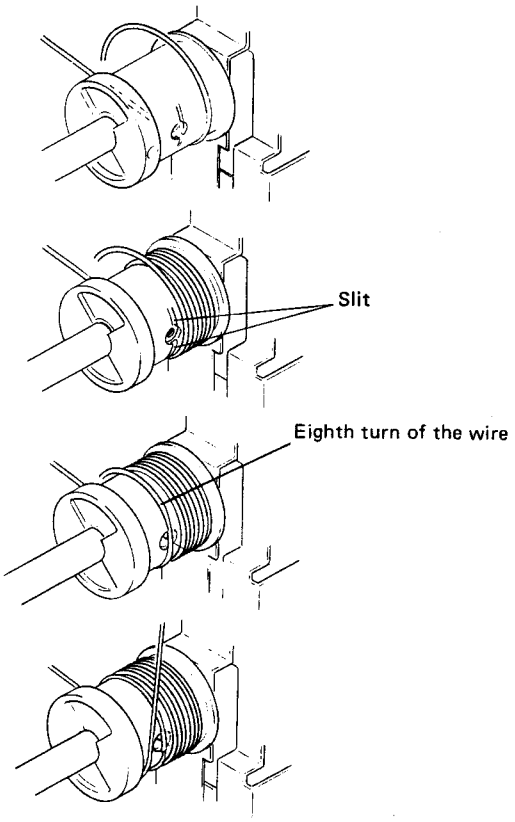
② Route the wire through the outside of the No.2 mirror base pulley. The No.2 mirror base has to be pressed against the mirror base positioning plate.

③ Route the wire through the pulley (large) on the paper entry side.

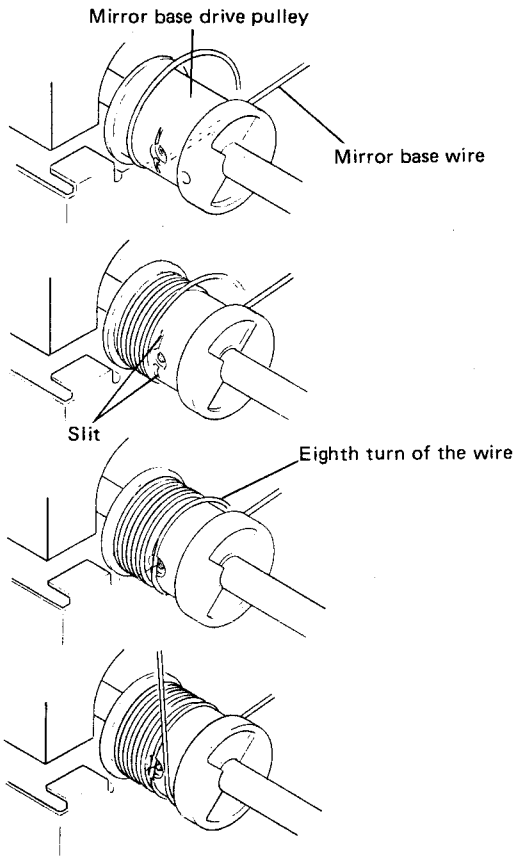
④ Route the wire through under the No.2 mirror base.

⑤ Wind the wire around the mirror base drive pulley nine times and insert the wire at the eighth turn tightly in the slit.

(Front frame side)



(Rear frame side)



⑥ Route the wire through the paper exit side pulley (small).

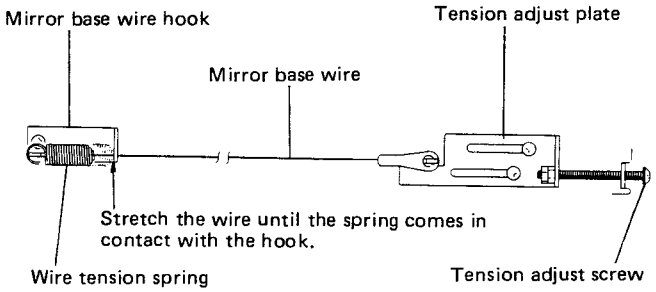
⑦ Route the wire through the inside of the No.2 mirror base pulley.

⑧ Apply the end of the mirror base wire (with the spring) to the mirror base wire hook.
Do the same for both the front and rear frame sides.

D. Adjusting the mirror base wire tension

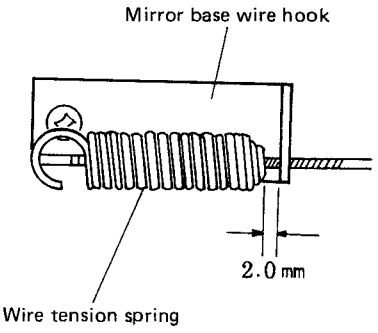
① Manually rotate the mirror base drive pulley to move the No.2 mirror base, pressed against the mirror base positioning plate, 20 to 30 mm towards the paper exit side.

② Turn the mirror base wire tension adjust screw counter-clockwise to stretch the wire. Stop it when the wire tension spring end comes in touch with the mirror base wire hook.


Mirror base wire hook
Tension adjust plate
Mirror base wire
Stretch the wire until the spring comes in contact with the hook.
Wire tension spring
Tension adjust screw

③ Manually rotate the mirror base pulley and move the No.2 mirror base two to three times. Make sure that the mirror base wire spring end is in contact with the mirror base wire hook. If not, readjust the tension using the tension adjust screw. Also, make sure that a portion of the wire is not overlapping onto another wire on the mirror base pulley.

④ Turn the mirror base wire tension adjust screw clock-wise three times.
The distance between the mirror base wire spring and the mirror base wire hook should be 2 mm.

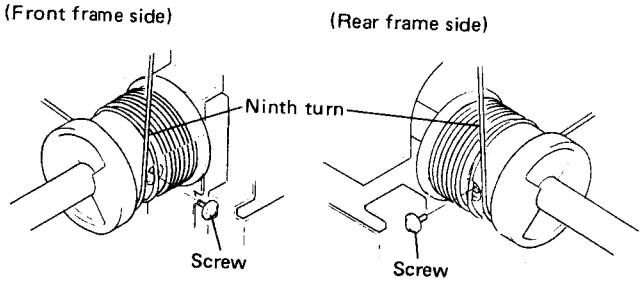


Do the same for both the front and rear frame sides.

E. Securing the mirror base wire

① Manually rotate the mirror base drive pulley to move the No.2 mirror base until it comes in contact with the mirror base positioning plate.

② Set the ninth turn of the mirror base wire aside from the pulley screw hole (arrow direction).



③ Secure the mirror base wire to the pulley using the mirror base wire securing screw.

④ Set the ninth turn of the mirror base wire to its position before.

Do the same for both the front and rear frame sides.

NOTE: After replacing the mirror base drive wire, adjust skew in the longitudinal and transversal directions and focus.

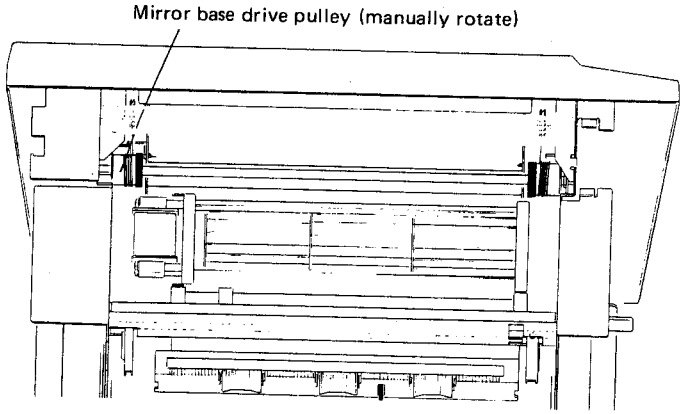
(3) Replacing the copy lamp leads

The copy lamp leads must be replaced every 120,000 copies.

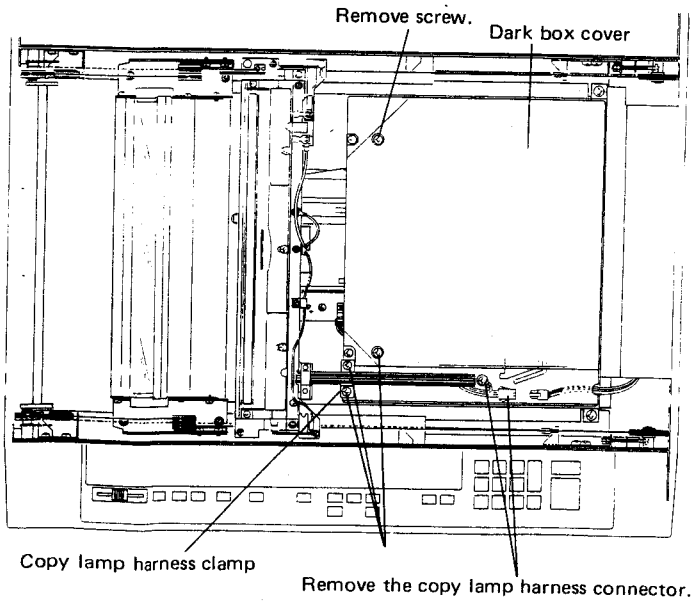
① Remove the table glass.

② Remove the panel above the paper exit and the frame joint.

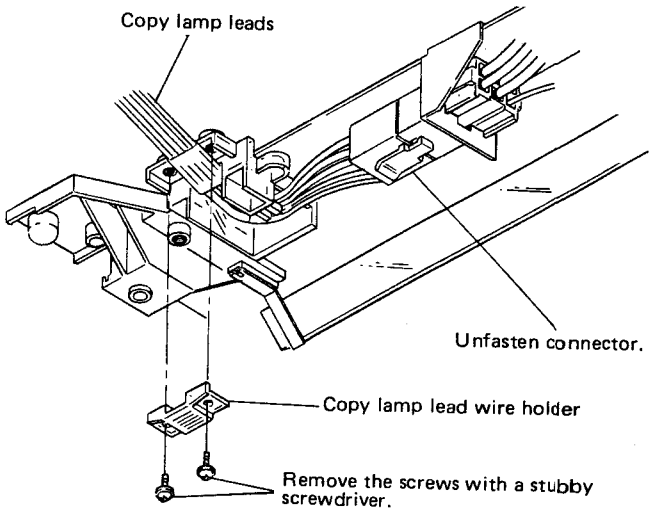
③ Manually rotate the mirror base drive pulley to move the mirror base towards the paper exit side.



④ Remove the dark box cover, dark box copy lamp harness clamp, and copy lamp harness connector.

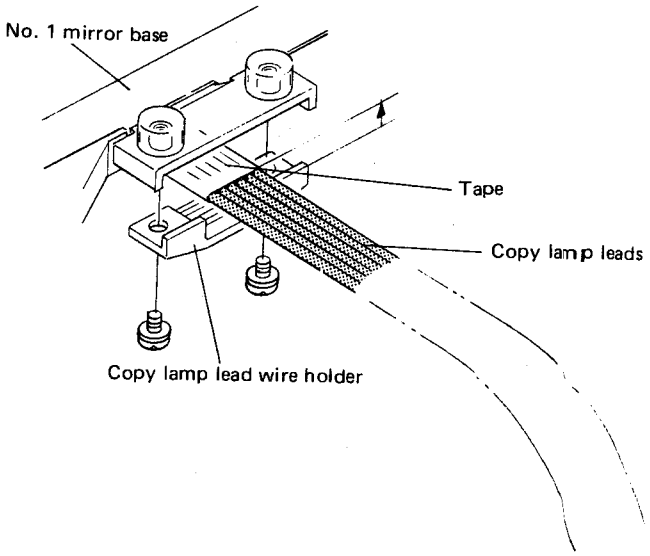


⑤ Remove the No.1 mirror base copy lamp lead wire holder and connector, without detaching the No.1 mirror base from the mirror base drive wire.

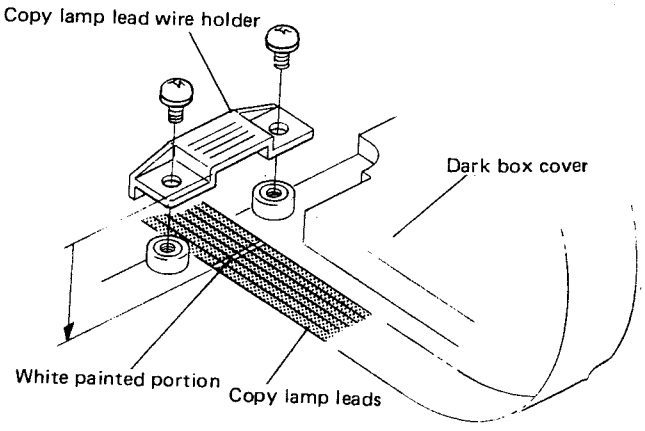


(No. 1 mirror base bottom view)

To secure the No.1 mirror base copy lamp leads, match the taped edge of the copy lamp lead with the edge of the copy lamp lead wire holder.

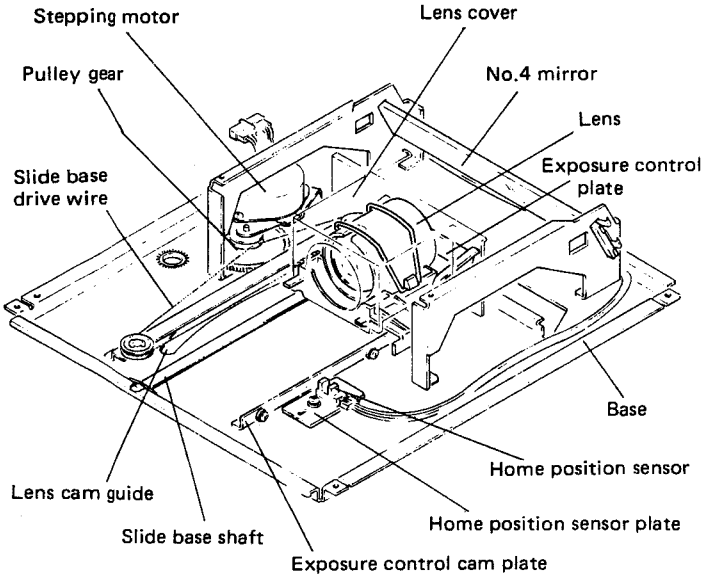


To secure the dark box copy lamp leads, match the white painted portion of the lead with the edge of the copy lamp lead wire holder.



5. Dark box unit

(1) Parts identification and function



A. Lens (zoom lens)

The zoom lens is of the two-group type. Lens to lens distance varies according to magnification ratio to establish the required focal distance.

The original to drum distance is fixed which eliminates movement of the number 4 mirror for focusing of the image as in the conventional fixed focus lens.

(2) Exposure control plates

To maintain optimum light exposure on the drum in any magnification ratio, a portion of light is shut off between the lens and drum (in front of the No.4 mirror) to vary the exposure rate according to the given magnification ratio. The exposure control plate moves according to the movement of the lens.

B. Exposure correction cam plate

This is used to raise or lower the exposure control plate when the lens moves.

C. Stepping motor

The pulse controlled motor is used to shift the lens to the position determined by the magnification ratio. It moves 0.2mm per pulse.

D. Lens cam guide

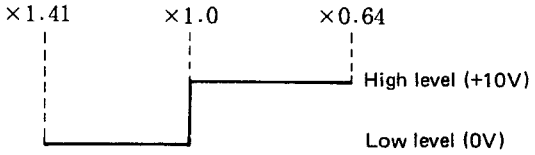
Used to guide the lens cam lever which sets the lens to lens distance for precise focus according to the given magnification ratio.

E. No.4 mirror

Used to pass the light from the lens to focus the image on the drum.

F. Lens home position sensor (LHPS)

Sensor used to detect the lens position.



(2) Disassembly and reassembly:

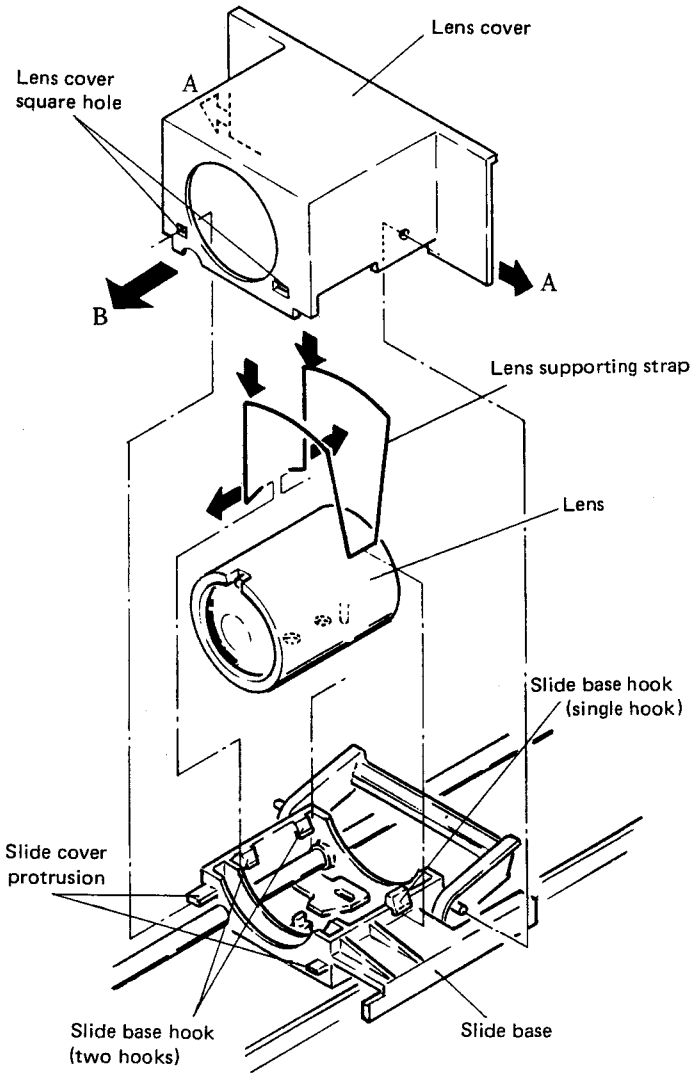
A. Lens removal and installation:

Removal

① Open the lens cover to both sides (arrow direction A) and remove it in the direction B.

② Press the top part of the lens supporting strap in direction C, open it in direction D to remove.

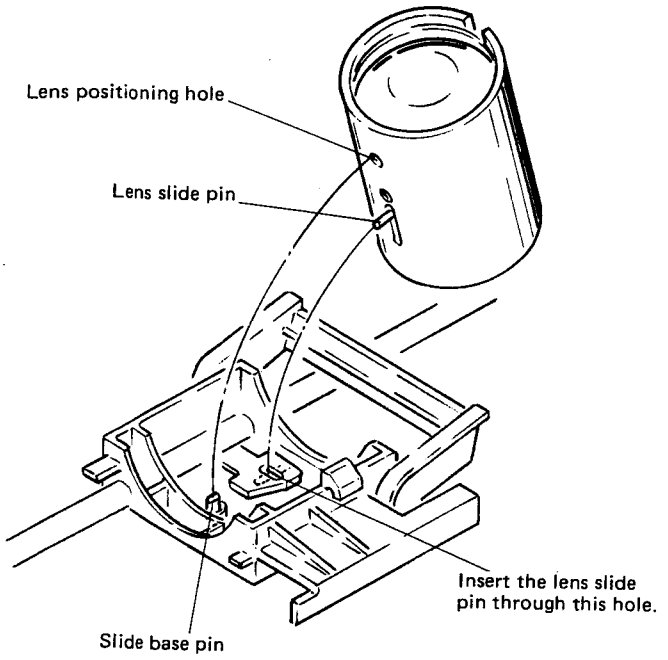
③ Lift the lens to remove.



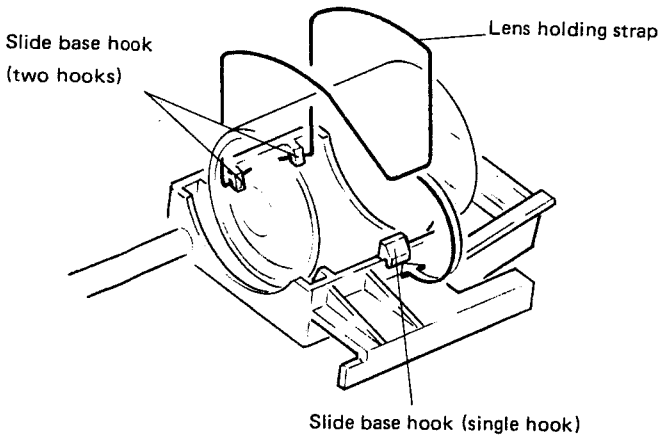
Installation

① Insert the lens slide pin through the slide base hole and cam lever hole and insert the lens positioning hole onto the slide base pin.

NOTE: Before replacing the lens, hold the new lens level and see that the lens slide pin can be moved easily with your fingertip.



② Install the lens holding straps. Insert it from the two hooks side first, then the one hook side.



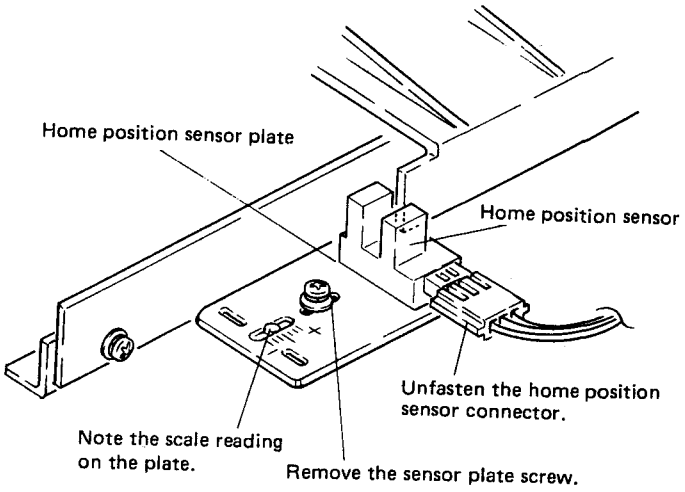
③ Insert the slide base protrusion through the lens cover top end square hole. With both sides slightly open, install the slide base cover pin to the cover hole.

B. Home position sensor plate replacement and installing location (magnification ratio adjustment)

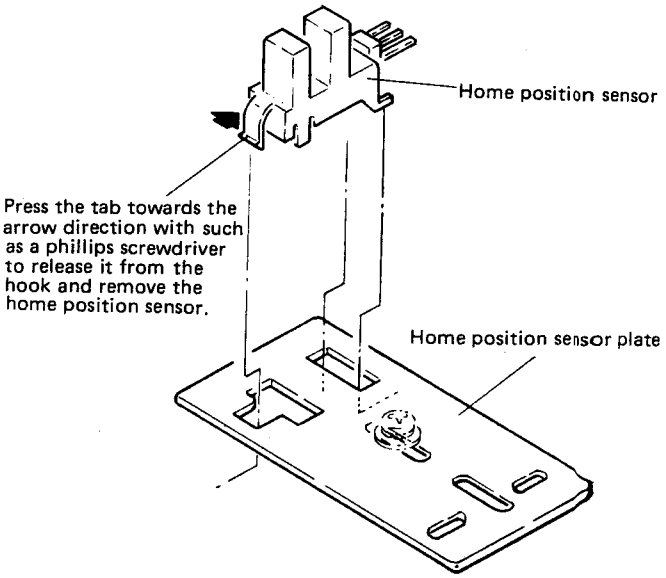
Replacement

① Unfasten the connector from the home position sensor.
② Remove the home position sensor holding screw and remove the sensor plate.

NOTE: Note the scale reading on the plate.


Home position sensor plate
Home position sensor
Unfasten the home position sensor connector.
Note the scale reading on the plate.
Remove the sensor plate screw.

③ Remove the home position sensor from the home position sensor plate.


Home position sensor
Press the tab towards the arrow direction with such as a phillips screwdriver to release it from the hook and remove the home position sensor.
Home position sensor plate

NOTE: The home position sensor may not be removed when replacing the home position sensor only.

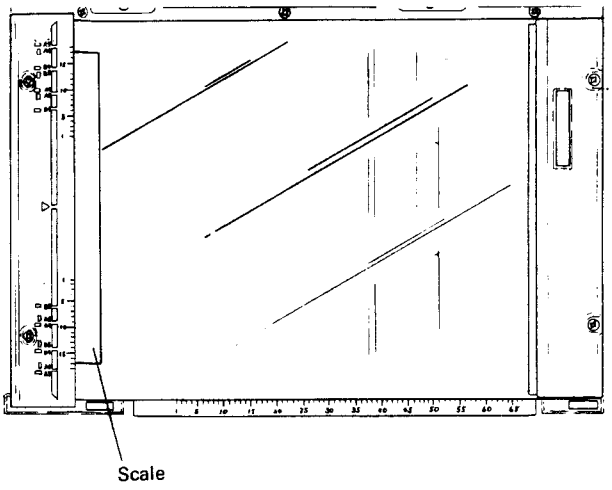
Precautions

When installing the home position sensor plate, match it to the scale on the plate.

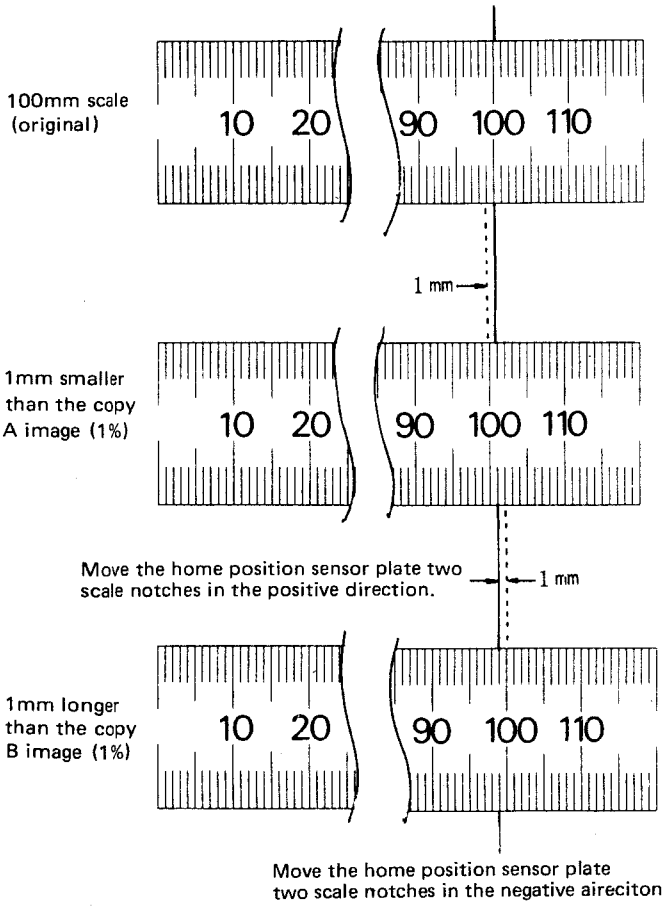
Installation location (magnification ratio adjustment

Location of the home position sensor plate must be adjusted after replacement or dislocation of the lens or the home position sensor (and plate).

① Place a scale on the original table (see figure below), and make a normal size copy on 11" x 17" (A3) paper.

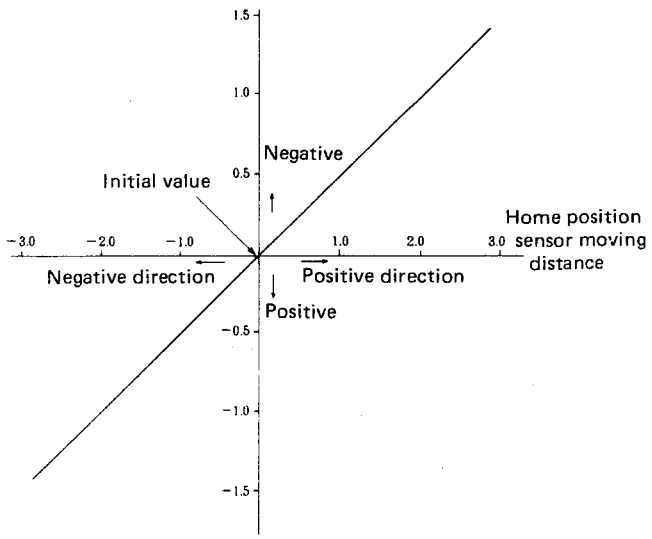


② Compare the copy of the scale to the original. If the copy is larger than the original, move the mask plate towards the negative side. If the copy is smaller than the original, move the mask plate towards the positive side.


100mm scale (original)
10 20 90 100 110
1 mm
1mm smaller than the copy A image (1%)
10 20 90 100 110
Move the home position sensor plate two scale notches in the positive direction.
1 mm
1mm longer than the copy B image (1%)
10 20 90 100 110
Move the home position sensor plate two scale notches in the negative aireciton

NOTE: After adjusting the home position plate, turn the gear pulley in the reverse direction until the slide base moves from the enlarging position to the reducing position. Check that the home position sensor is not in contact with the slide base.

(Home position sensor moving distance vs change in the magnification ratio)

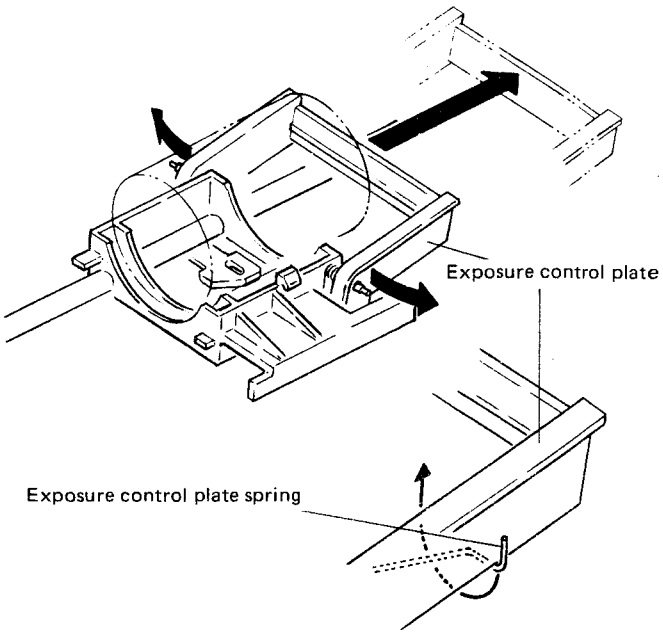


NOTE: Since the initial value "0" is for the "0" position of an individual home sensor plate, the center scale on the plate may not necessarily be "0".

C. Removing and installing the exposure control plate

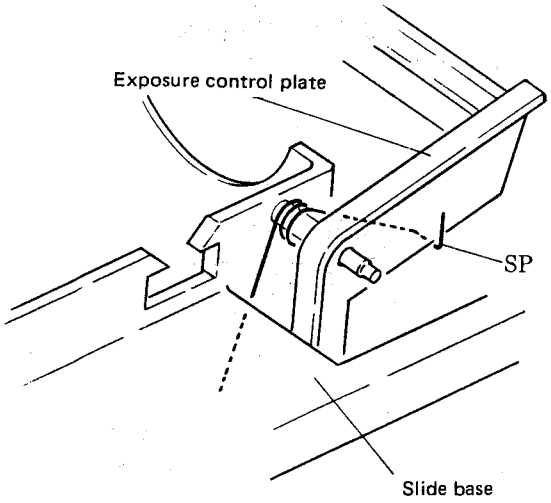
Removal

① Remove the lens cover
② Remove the exposure control plate spring.
③ Spread both sides of the exposure control plate to remove.



Installation

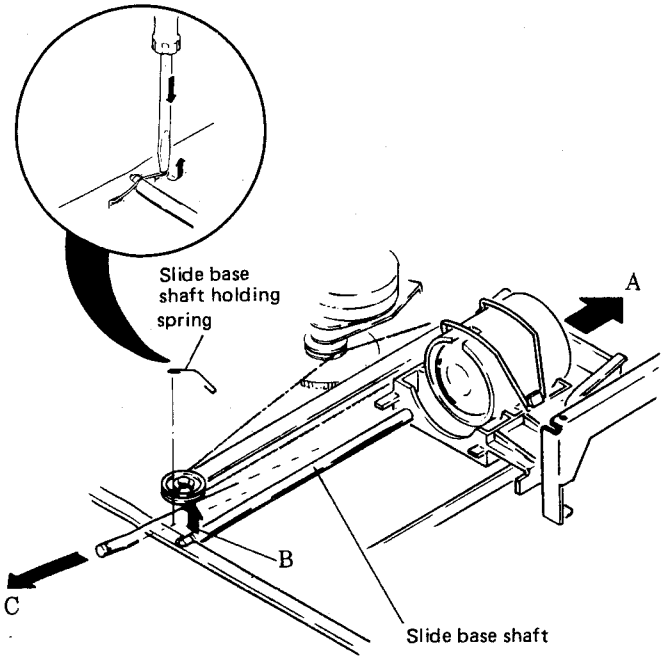
① Install the exposure control plate in the reverse sequence as above.
② Install the spring to the exposure control plate.



D. Removing and installing the slide base and slide base shaft

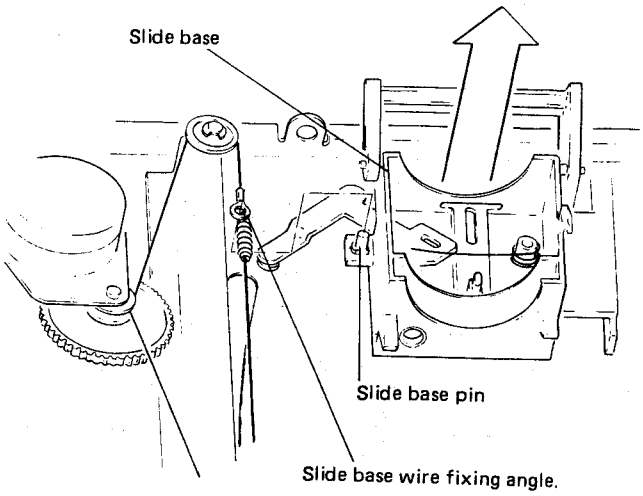
Removing the slide base shaft

① Remove the lens cover.
② Manually rotate the pulley gear to move the slide base all the way towards the No.4 mirror (direction of arrow A).
③ Remove the slide base shaft holding spring.
④ Slightly lift up the slide base shaft in direction B, then pull it out in direction C.



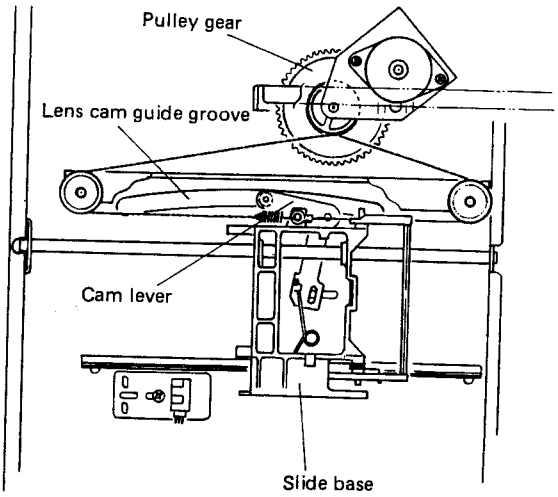
Slide base removal

① Remove the slide base shaft (ref. (1) - ① - ⑤).
② Remove the lens.
③ Remove the drive wire rope fixing angle.
④ Lift up the slide base to remove.



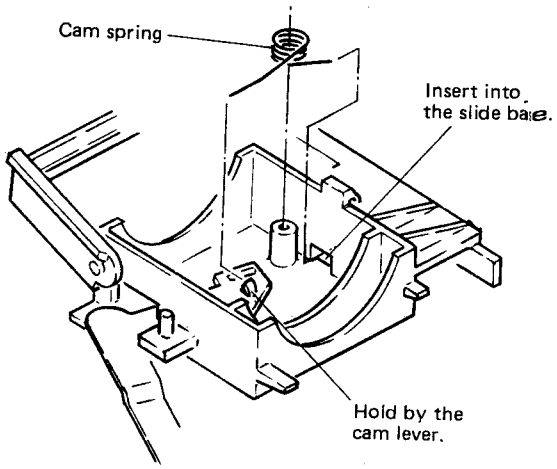
Precautions and checks for slide base installation

- Manually rotate the pulley gear in the clockwise direction to move the slide base from the enlarge to reduce position and check to see that the cam follower is tracing the cam plate.
- Check that the slide base moves smoothly.



(4) Cam spring installation

The cam spring must be installed as shown below.

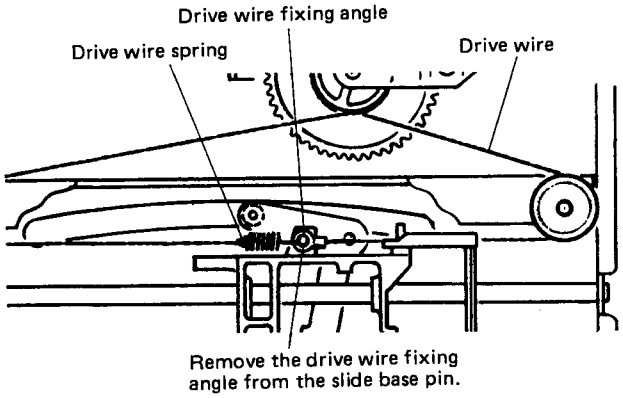


E. Slide base drive wire replacement

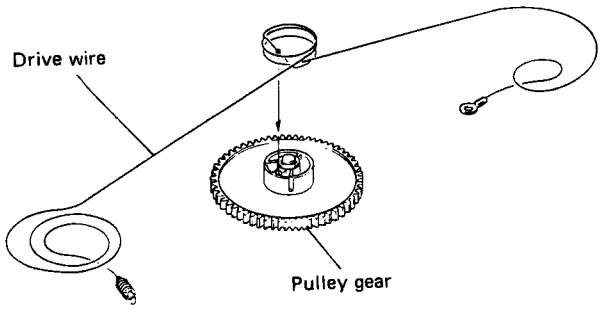
Removal

① Remove the lens cover.

② Remove the drive wire spring and fixing angle.



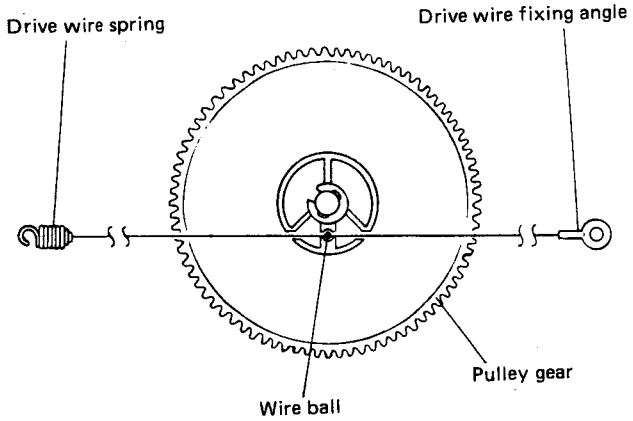
③ Remove the drive wire from the pulley gear.



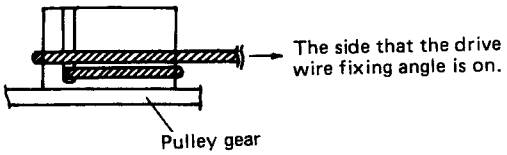
Installation

① Place the slide base in the normal position (1:1).

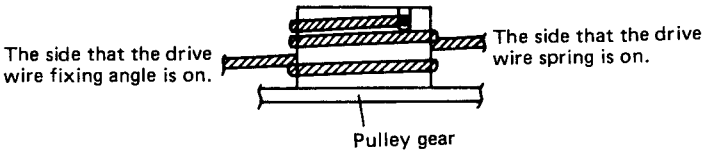
② Insert the wire ball in the hole in the pulley.

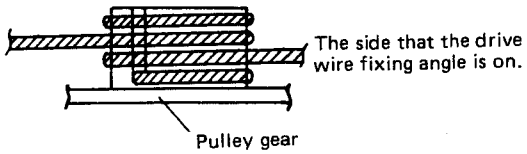


③ Wind the end of the drive wire that has the fixing angle on it, one turn counterclockwise around the pulley gear. String the wire around the pulley and attach it to the lens base.



④ Wind the spring end of the drive wire, one and a half turns clockwise around the pulley gear. String this end around the pulley and hook the spring to the fixing angle.

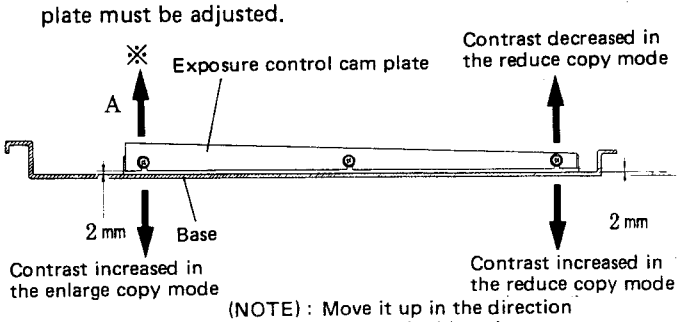




⑤ Manually rotate the pulley gear and move the slide base in both directions (enlarge and reduce). Check for smooth operation without disengagement or overlapping of the drive wire.

F. Exposure control cam plate location

If there is a large exposure variation in the magnification copy mode (uneven exposure), the exposure control cam plate must be adjusted.

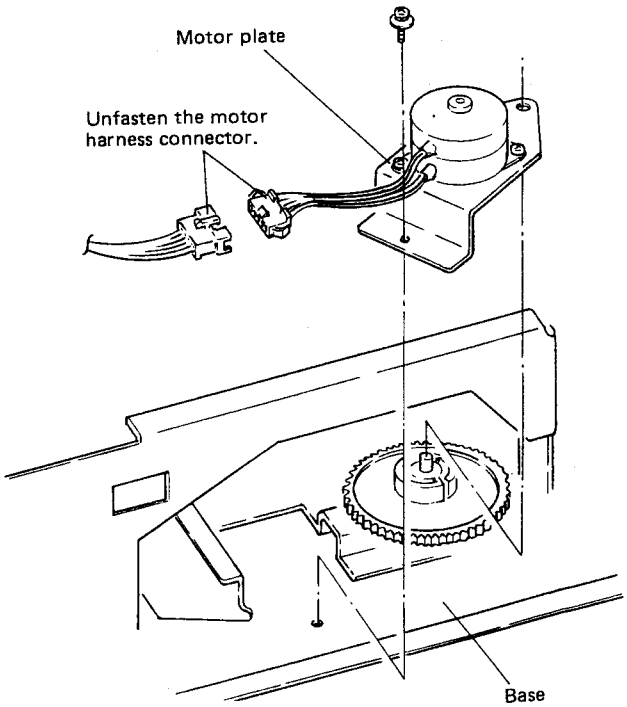


(NOTE) : Move it up in the direction of A from the standard location.

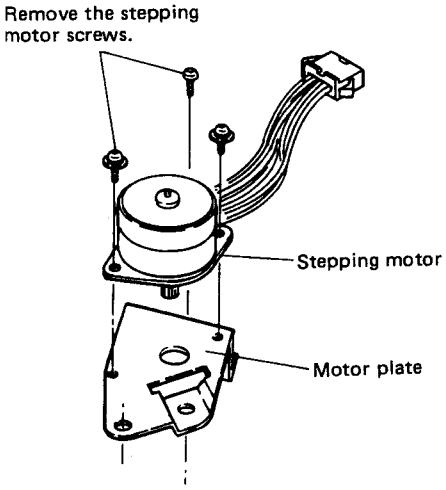
G. Installation of the stepping motor

① Unfasten the motor harness connector.

② Remove the motor plate securing screw and remove the motor plate from the base with the stepping on it.

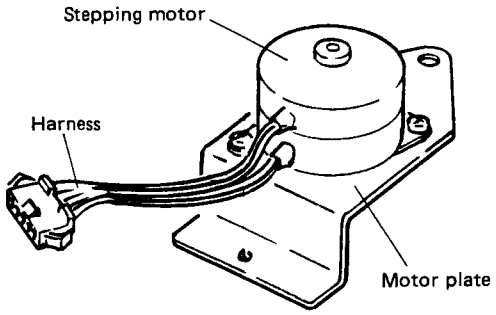


③ Remove the two screws that hold the stepping motor and remove the stepping motor from the motor plate.



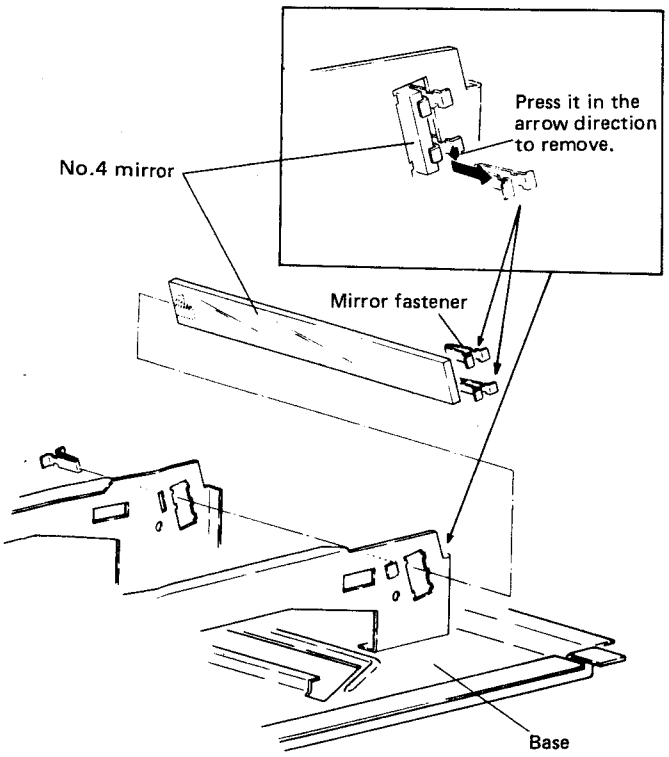
Precautions for installing the motor

When installing the stepping motor on the motor plate, the motor harness must be installed in the direction shown below.



H. Replacing the No.4 mirror and mirror fastener

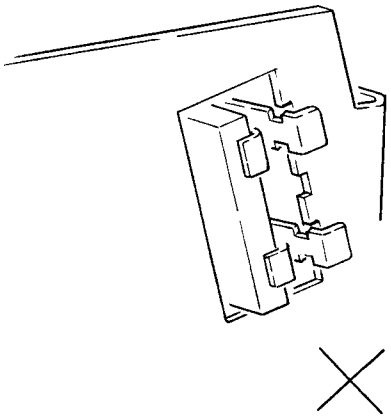
Remove the three mirror fasteners and pull out the mirror.

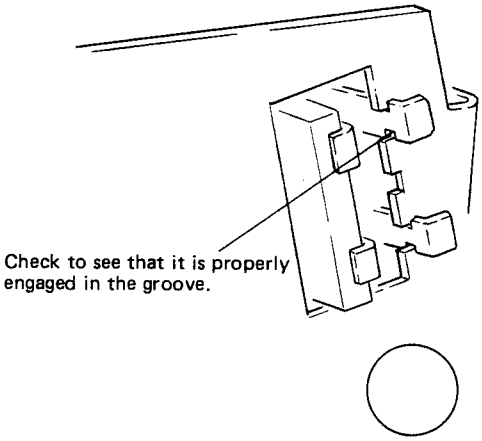


Precautions for installation of the mirror

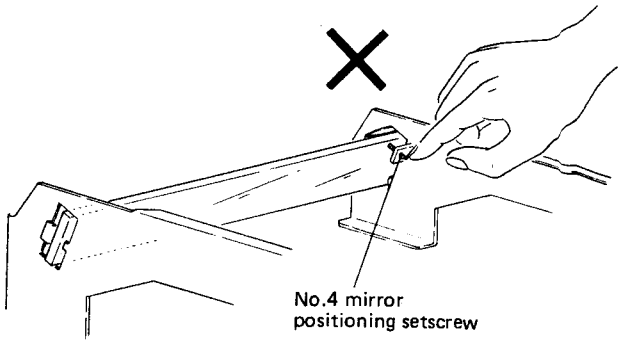
① When installing the No.4 mirror, the evaporated side of the mirror must face the lens.

② Groove of the fastener must be properly inserted into the groove in the angle.

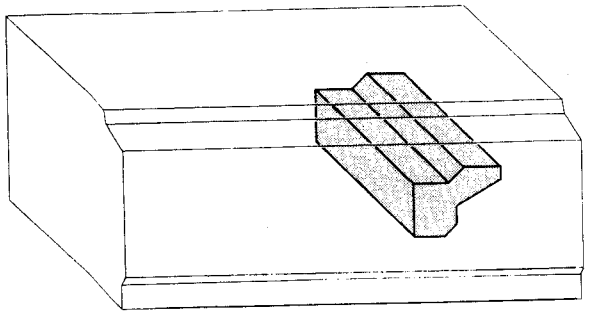




③ Never move the No.4 mirror positioning setscrew. Any change in the setscrew positions will cause an image skew that cannot be corrected in the field.

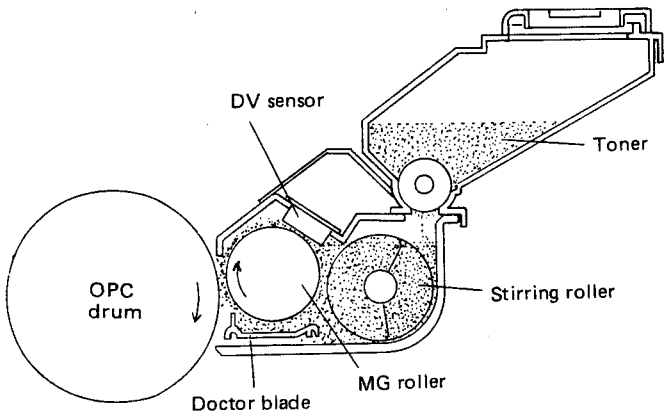


[11] DEVELOPER UNIT



1. General description

An electrostatic latent image is formed on the drum surface and toner is applied over the latent image to change it to a visible image. Toner is charged by friction with carrier (developer) by the stirring roller within the developer unit. The toner is charged positive and the carrier negative. The latent image area not exposed by light is charged negative, the toner in positive potential is attracted to that area.



A bias potential of −230VDC is applied to the MG roller from the bias PWB during the developing process.

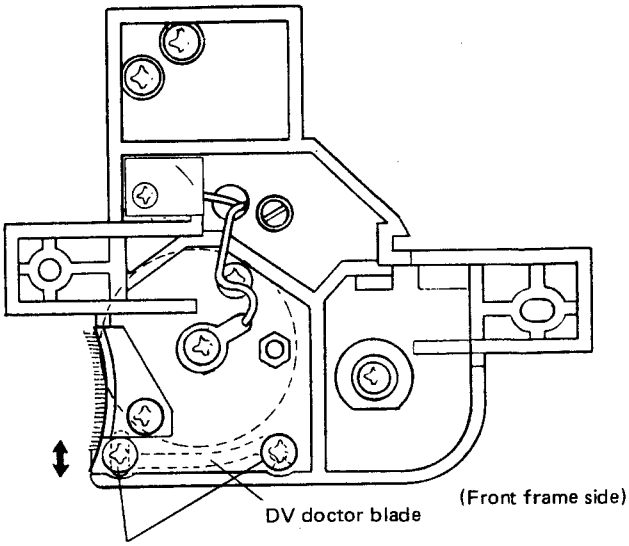
2. Adjustments

(1) DV doctor blade to MG roller gap adjustment

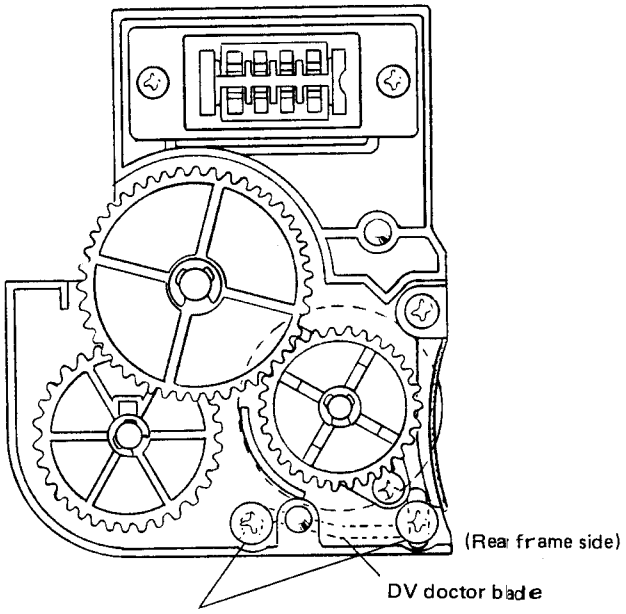
The trouble described next may occur if the DV doctor blade is improperly adjusted.

- Lack of copy density.
- Background on the copy.
- Toner dusting.

① Loosen two DV doctor balde screws located on the front and rear frame sides of the developer unit.

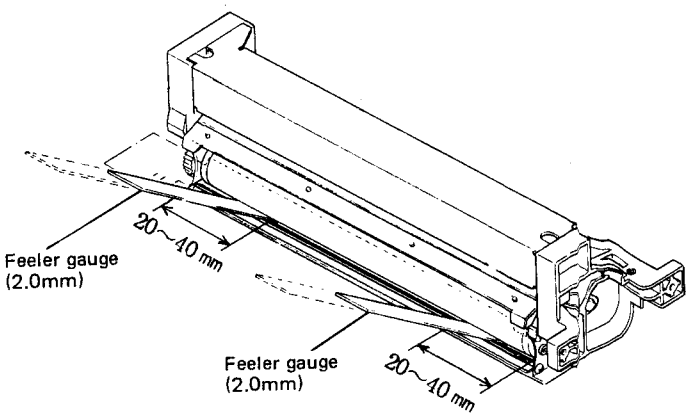


DV doctor blade screw (loosen).

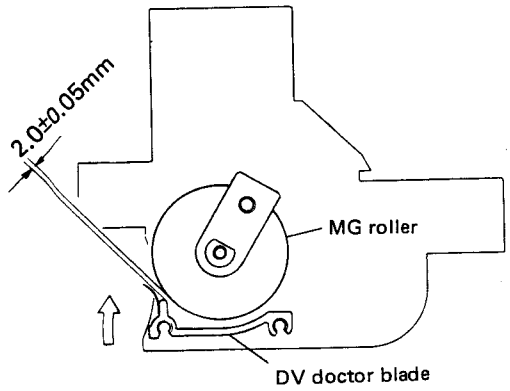


DV doctor blade screw (loosen).

② Insert the 2,0 mm feeler gauge between the MG roller and the DV doctor blade, 20 to 40 mm away from the front frame side.



③ Tighten the front frame side DV doctor blade securing screw while pressing the DV doctor blade in the arrow direction.



④ Perform the same for the rear frame side.

⑤ Make sure that the gap between the MG roller and the DV doctor blade at both sides is 2.0±0.05mm.

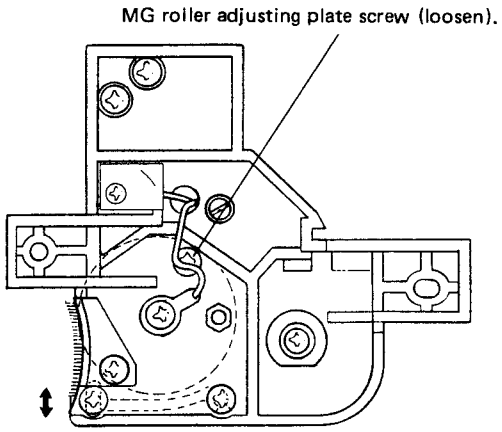
⑥ If not, repeat adjustment over again from step① to ⑤ until the proper gap is obtained.

(2) Main pole adjustment

NOTE: This adjustment must be done after the completion of the DV doctor blade to MG roller gap adjustment.

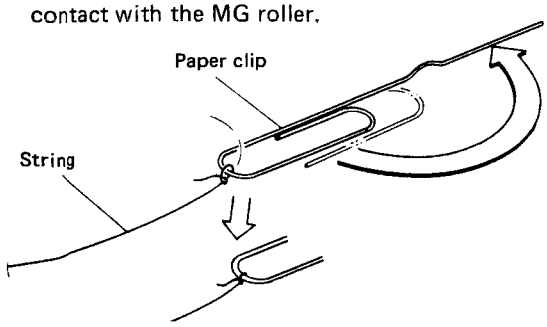
① Loosen the MG roller adjusting plate screw.

② Stretch the paper clip as shown in the figure and hold it with a string.

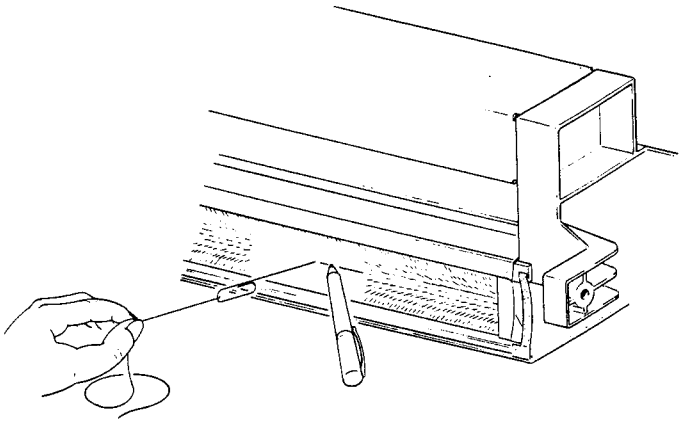


③ Hold the string and bring the paper clip perpendicular to the MG roller.

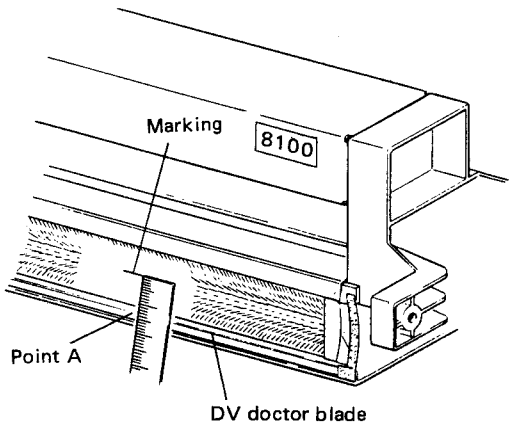
④ Mark the surface of the sleeve where the clip made contact with the MG roller.

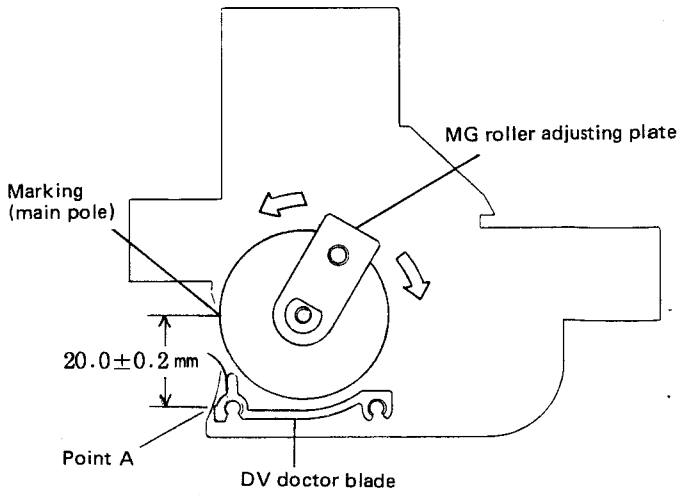


NOTE: Make sure not to move the MG roller at this time.



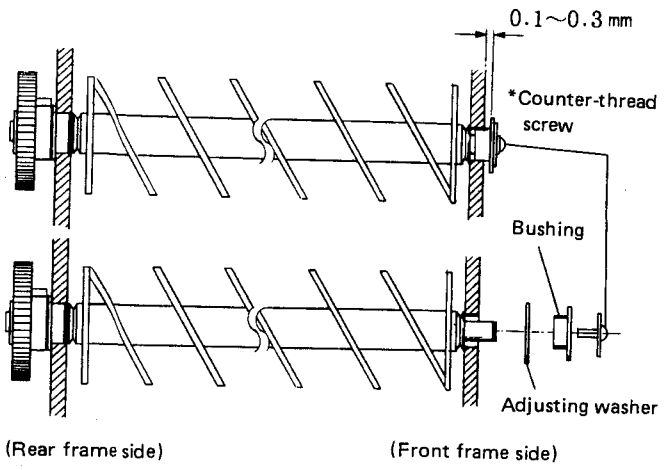
⑤ Measure the distance between the top of the toner receiving plate (point A) and the mark made in step ④.
If the distance is within 20.0±0.2 mm, tighten the MG roller adjust plate screw to fix the MG roller main pole.
If the distance is not within 20.0±0.2 mm, move the MG roller adjusting plate to adjust. Then, repeat from step② again, to check the adjustment.





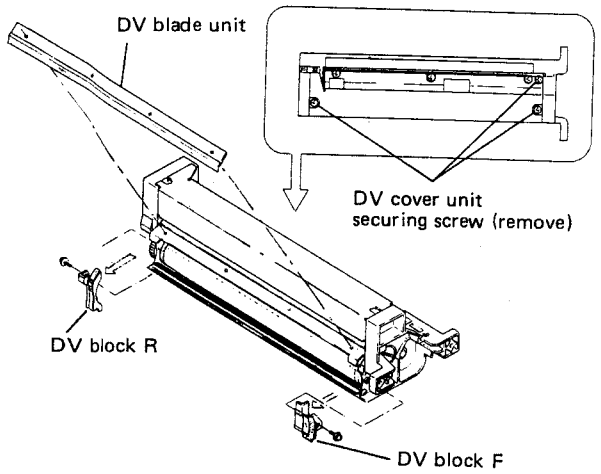
⑥ Tighten the MG roller adjusting plate screw.

(3) Stirring roller shaft play adjustment (axial direction)
Use the nylon washer (LX-WZ 0193FCZZ) to adjust the axial play in the stirring roller shaft to be 0.1 to 0.3mm.
If the play is already in range, the adjustment with the washer is not required.



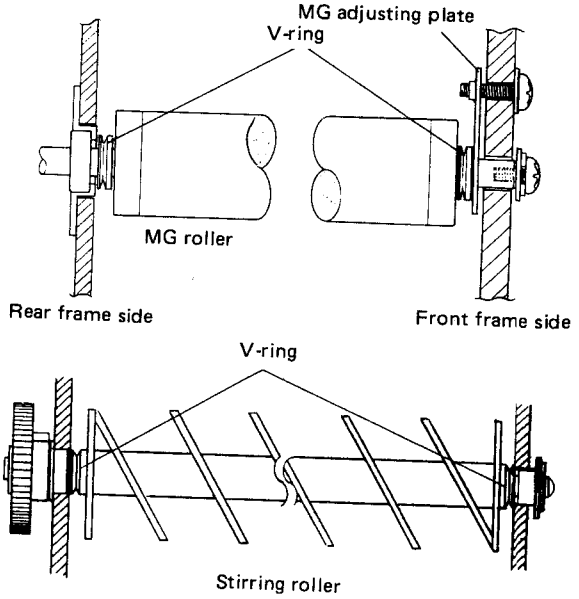
3. Major parts replacement and installation

(1) DV block (F, R) and DV blade replacement
The DV blade must be replaced every 120,000 copies.
① Remove the DV blade unit from the DV cover unit. It is bonded with double tack tape.
② Match the hole in the DV blade unit to the protrusion of the DV cover and bond it.

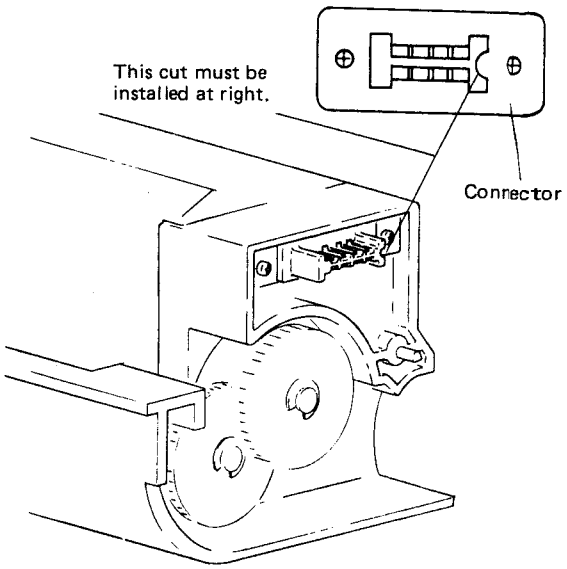


DV block (F, R) must be replaced every 120,000 copies.
① Remove the DV cover unit securing screws.
② Lift up the DV cover unit.
③ Remove the DV block F and R.

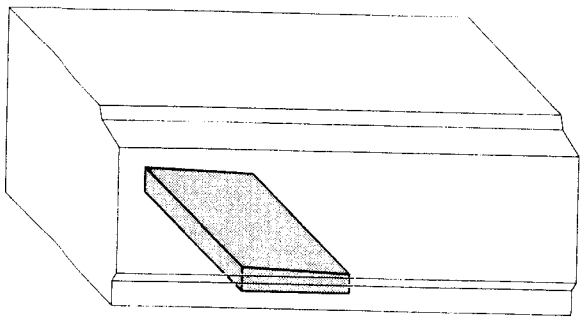
(2) V-ring installation direction
Note direction of V-ring installation when replacement is necessary.



(3) DV unit and connector installation direction
Install so that the cut in the connector is at right.



[12] SUCTON UNIT

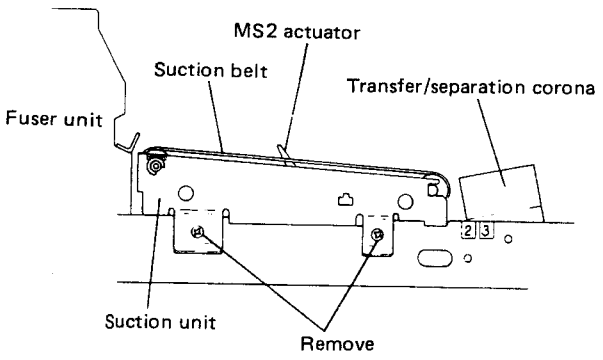


The suction unit carries the separated copy paper from the drum to the fusing unit. MS2, the suction fan, and the ozone filter are incorporated in the suction unit.

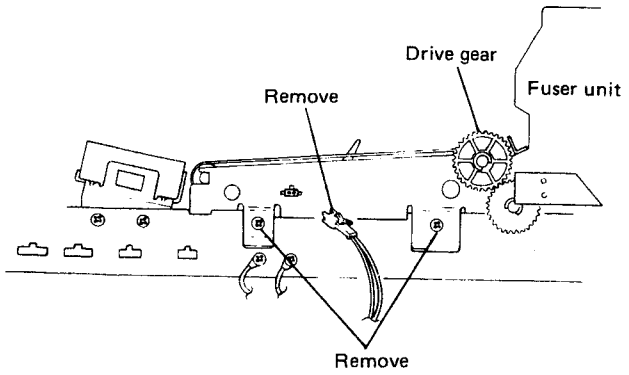
1. Suction unit removal

① Remove the two screws on the front frame side and two screws on the rear frame side.

Front frame side



Rear frame side



② Disconnect the MS2 connector and remove the suction unit from the copier. Do not touch the drum surface.

(2) Suction belt installation

① The four suction belts must be replaced together. Using old belts in combination with new ones may lead to paper misfeeds or skewing problems.

② To replace the belts, slide the belts off from either side without further disassembly of the unit. Be careful of the MS2 actuator.

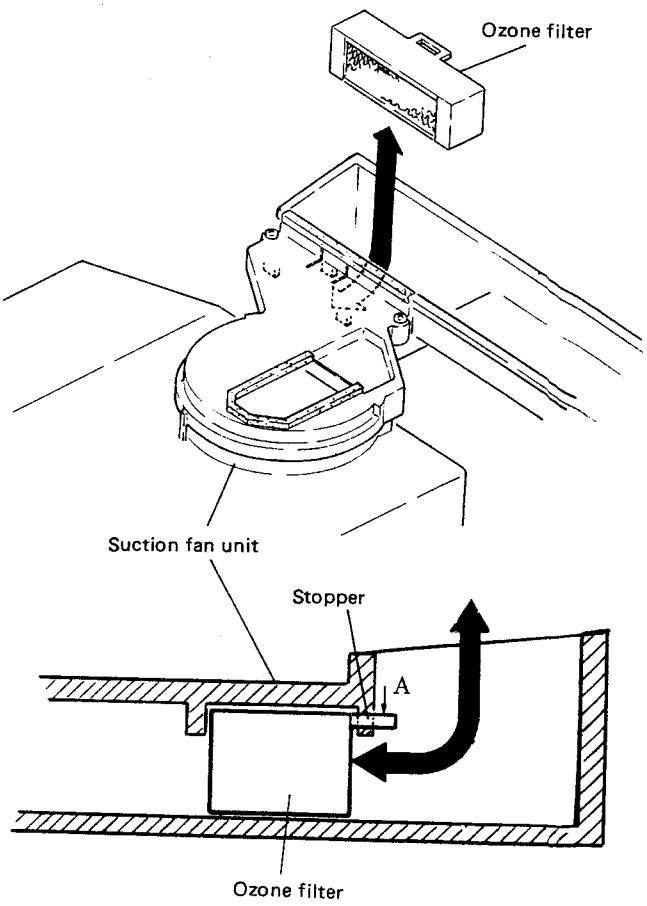
(3) Ozone filter replacement

Replace the ozone filter every 120,000 copies.

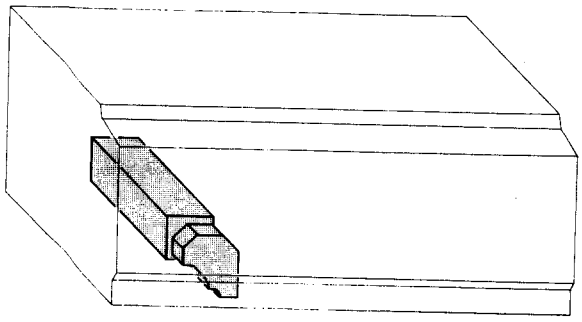
① Remove the transfer/separation corona unit.

② Press the stopper of the ozone filter in direction of A and remove the old ozone filter from the suction fan unit.

③ Replace the ozone filter.



[13] FUSER UNIT



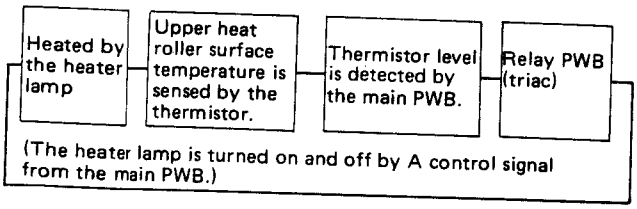
1. General description

(1) Heat roller pressure mechanism.
The roller pressure is applied and released by the manual pressure levers.

(2) Heat roller and cleaning roller.
- A teflon roller is used for the upper heat roller and a silicon roller is used for the lower heat roller.
- The cleaning roller is impregnated with silicon oil to increase the cleaning effect of the heat rollers. The upper cleaning roller cleans the thermistor location.

(3) Separator pawls.
- Four separator pawls are used for the upper heat roller and three separator pawls are used for the lower heat roller.
- The separator pawls on the upper heat roller are coated with Teflon to reduce friction with the roller.

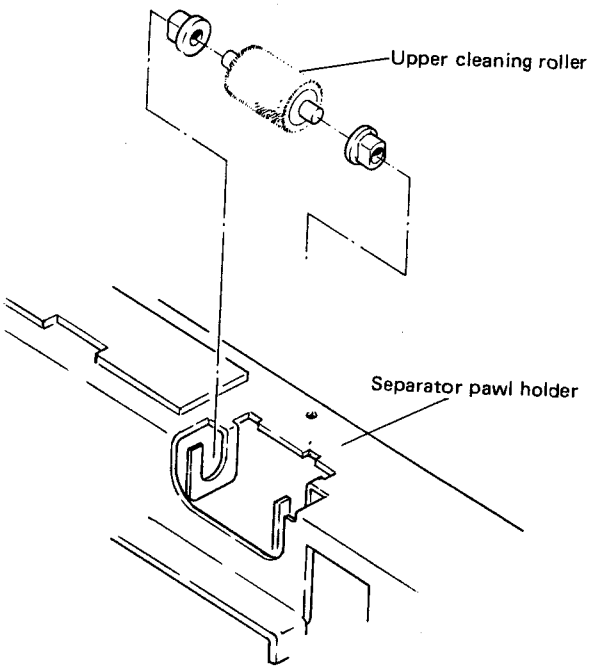
(4) Temperature control.
- Heater temperature is controlled by the halogen heater lamp, the thermistor, the main PWB, and the relay PWB. A thermal fuse is used to prevent harm to the machine in case of an irregular high temperature rise.


Heated by the heater lamp
Upper heat roller surface temperature is sensed by the thermistor.
Thermistor level is detected by the main PWB.
Relay PWB (triac)
(The heater lamp is turned on and off by A control signal from the main PWB.)

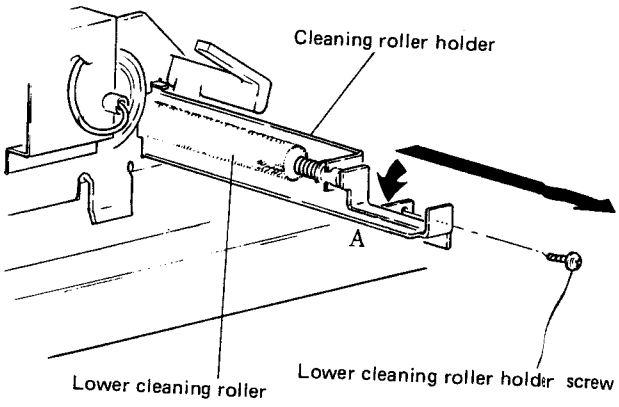
- The upper heat roller surface temperature is set to 184 degrees C. and drops to 154 degrees C. in power stand-by.

2. Major parts replacement

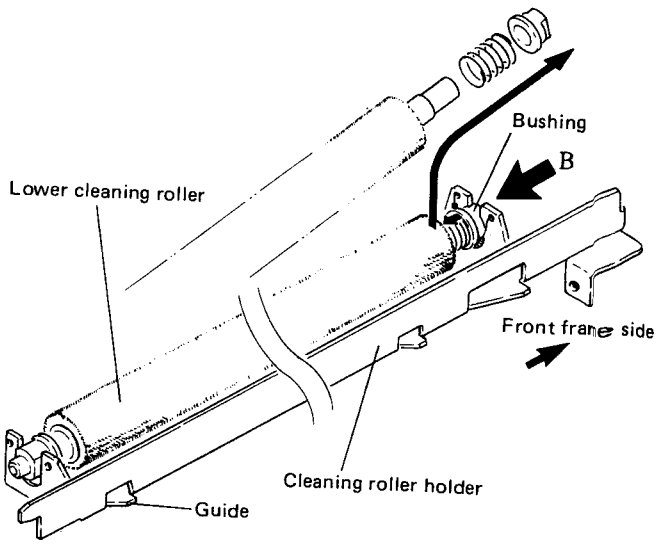
(1) Cleaning roller
The upper cleaning roller must be replaced every 40,000 copies.
① Remove the fuser cover (two screws).
② Lift up the cleaning roller to remove.
- Rotate the heat roller after installation of the cleaning roller and check that the cleaning roller rotates.



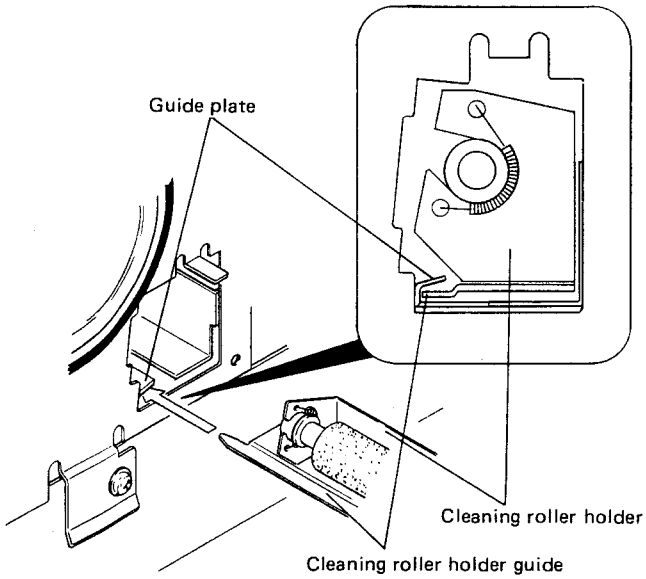
The lower cleaning roller must be replaced every 40,000 copies.
① Remove the lower cleaning roller holder screw.
② Move the lower cleaning roller in direction of A and take it out of the fuser unit.



③ Move the front frame side lower cleaning roller bushing in direction of B and remove the lower cleaning roller from the cleaning roller holder.



NOTE: Insert the cleaning roller holder so that the cleaning roller holder guide should be under the guide plate in the fuser unit.



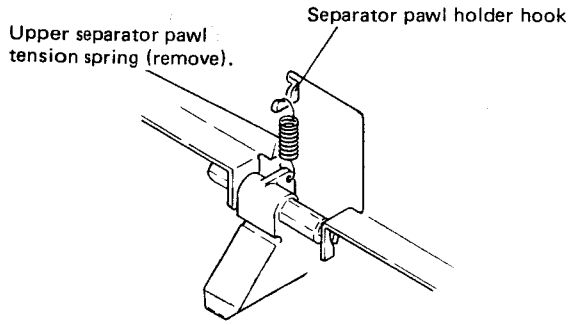
(2) Upper and lower separator pawls

The separator pawls must be cleaned and their positions changed every 40,000 copies, and replaced every 80,000 copies.

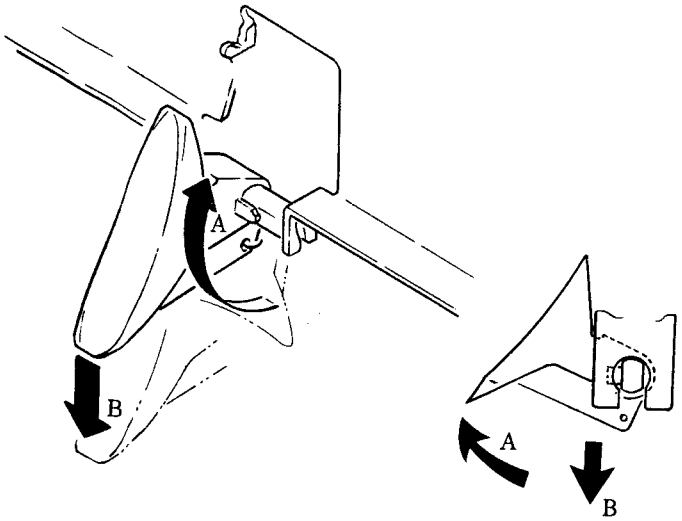
(Upper separator pawl)

① Remove the fuser cover.

② Remove the upper separator pawl tension spring from the hook on the separator pawl holder.

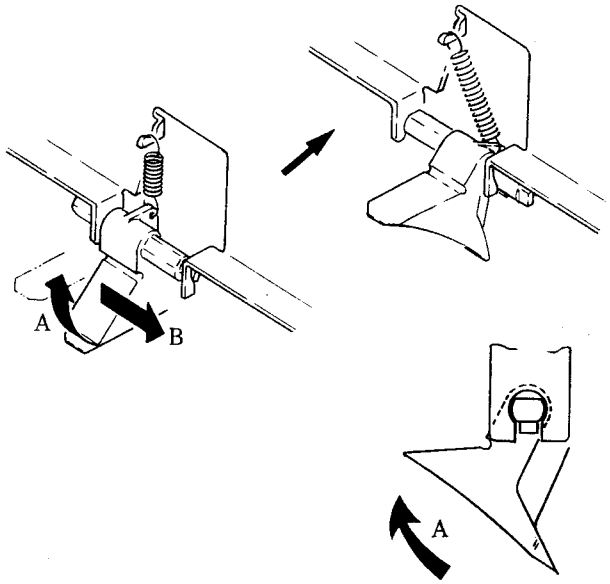


③ Rotate the separator pawl 90 degrees in direction A and remove it in direction B.



(Upper separator pawl removal)

① Rotate the upper separator pawl in direction A and slide it in direction B.



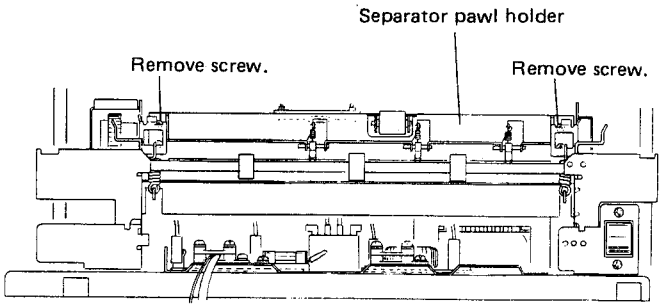
(Lower separator pawl removal)

① Remove the fuser cover.

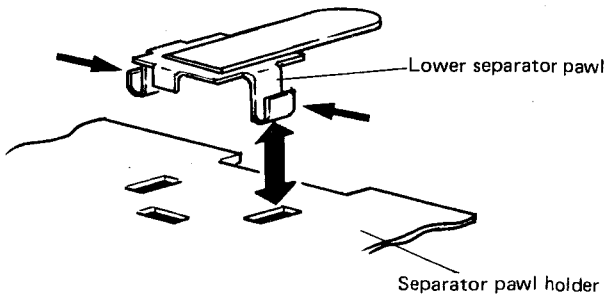
② Release the upper separator pawl.

③ Unfasten the fuser connector.

④ Remove the separator pawl holder.



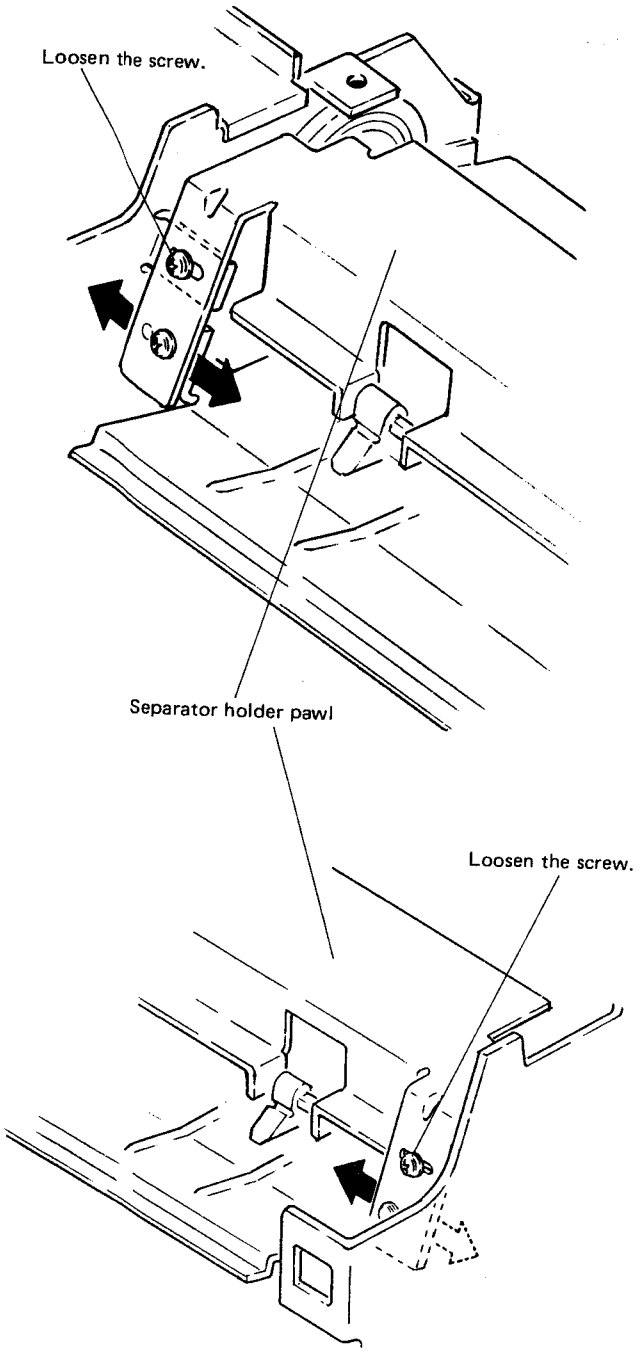
⑤ Remove the lower separator pawl from the holder.



(Separator pawl re-positioning)

To abate stress to the heat roller by the separator pawl, the position of the separator pawl must be changed every 40,000 copies.

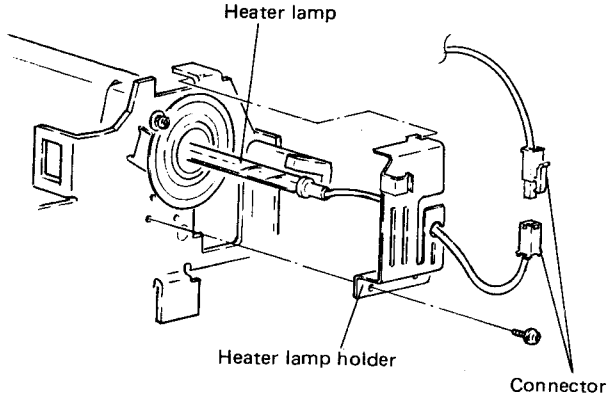
① Loosen the separator holder screw and move the separator holder towards the front or rear frame side.



(3) Heater lamp

① Remove the front frame side heater lamp cover.

② Remove the front frame side heater lamp holder and the heater lamp connector.



③ Unfasten the rear frame side heater lamp connector.

④ Take out the heater lamp from the front frame side.

(4) Heat rollers

The heat rollers must be replaced every 80,000 copies. Apply the lubrication oil (Triflon oil UKOG-0107CSZZ) to the heat roller shaft when replacing the upper heat roller.

① Remove the heater cover.

② Remove the heater lamp holder on the front and rear frame sides.

③ Remove the heater lamp.

④ Remove the separator pawl holder.

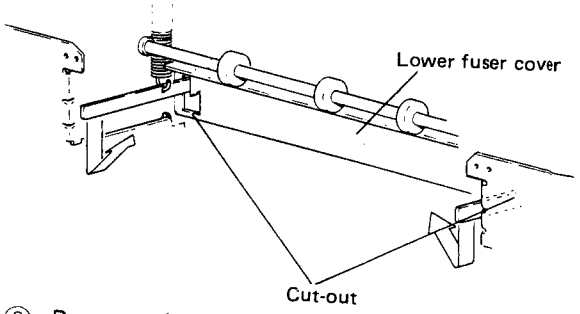
⑤ Release the heat roller pressure.

Releasing the pressure:

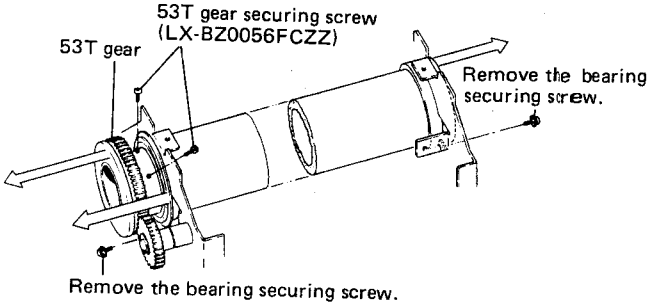
Press down on the pressure levers and slide them into the cut-outs in the lower fuser frame.

Applying the pressure:

Disengage the levers from the cut-outs, and slowly release the levers to add pressure gradually.



⑥ Remove the 53T gear securing screw (LX-BZ0056 FCZZ) and the bearing holding screw, then the 53T gear.



- Use the special screw (LX-BZ0056FCZZ) to hold the 53T gear. Use of a longer screw will cause the screw shaft to hit the heater lamp.

⑦ Remove the upper roller bearing on the rear frame side.

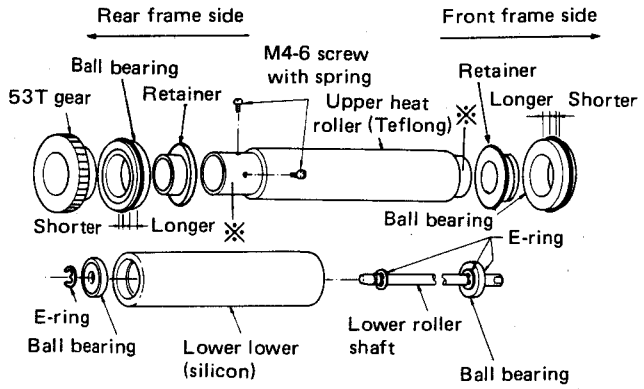
⑧ Remove the upper roller bearing on the front frame side.

⑨ Take out the upper heat roller.

⑩ Take out the lower heat roller.

⑪ Remove the roller shaft from the lower heat roller, remove the E-ring on the rear frame side, then remove the shaft bearing.

- The lower heat roller comes supplied without the shaft and bearings.

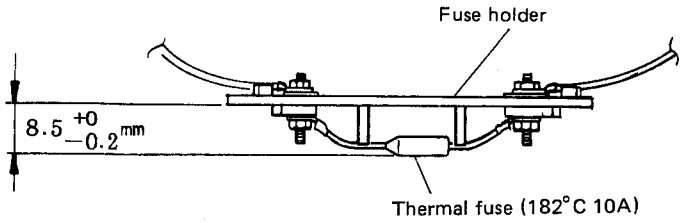


※ Apply the lubrication oil (UKOG-107CSZZ).

(3) Thermistor and thermal fuse

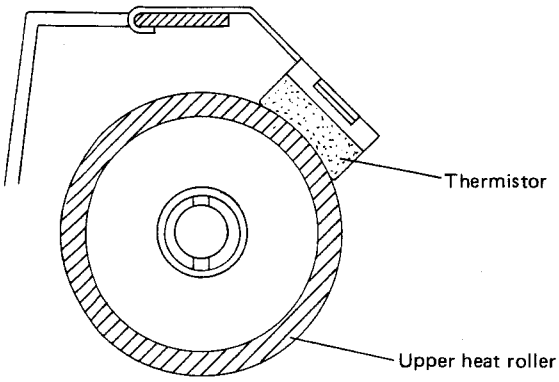
(Thermal fuse)

- The thermal fuse must be installed on the following location.

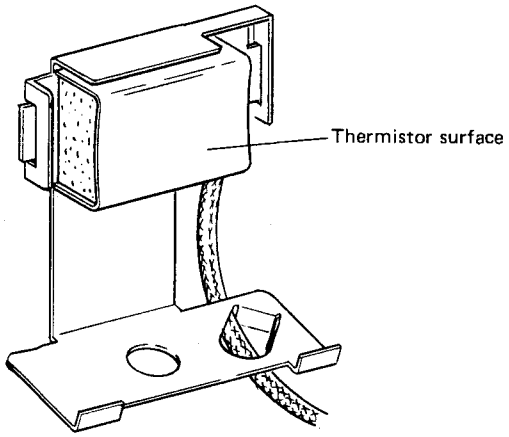


(Thermistor)

- The center of the thermistor must be in proper contact with the upper heater roller.



- The surface of the thermistor must be cleaned with alchol every 40,000 copies.

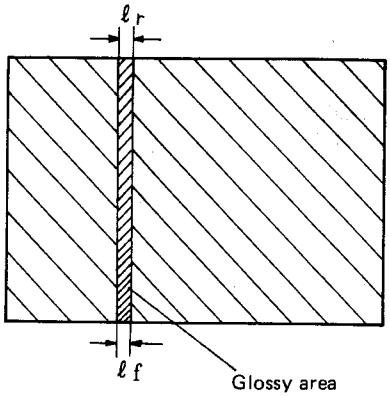


3. Heat roller pressure balance adjustment

① Make an all toned copy on an A3 (11" x 17") paper. Stop the machine when the copy paper passes the fusing unit.

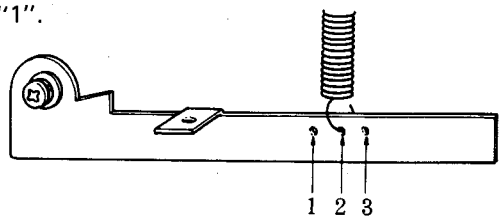
② Immediately, take out the copy.

③ Measure the width of the glossy area on the copy paper where the fusing roller was (on both the rear frame and front frame sides).



④ If the width of the glossy area were to differ on either side of the paper, make adjustment with the tension adjusting bolt so that it should be the same on both sides.

- Changing the spring hook position changes the tention of the roller. Normally, the spring hook "2" is used, but, the hook position may be changed if the tension differs between the front and rear frame sides.
  Roller tension increases when the hook position is "3".
  Roller tension decreases when the hook position is "1".

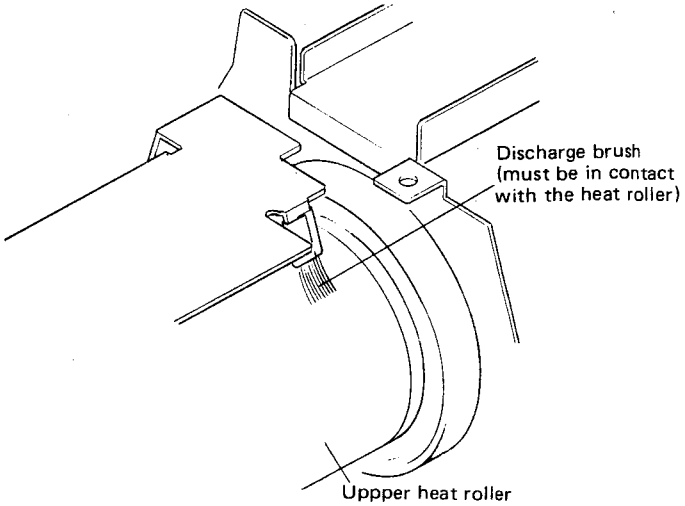


4. Discharge brush

The discharge brush must be in contact with the upper heat roller.

If not the following phenomenon may be encountered.

- Offset
- Cleaning roller stains
- Thermistor stains (thermal detect failure)

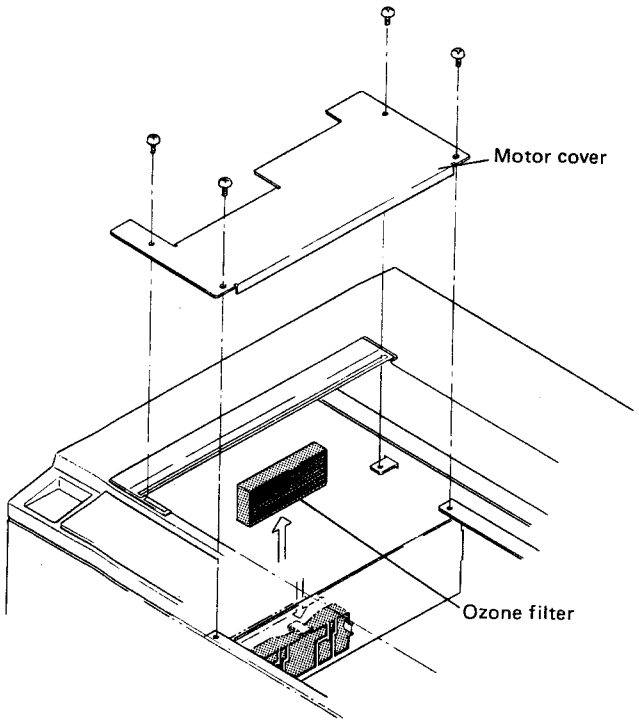


[14] OTHERS

1. Cooling fan ozone filter replacement

The ozone filter must be replaced every 120,000 copies.

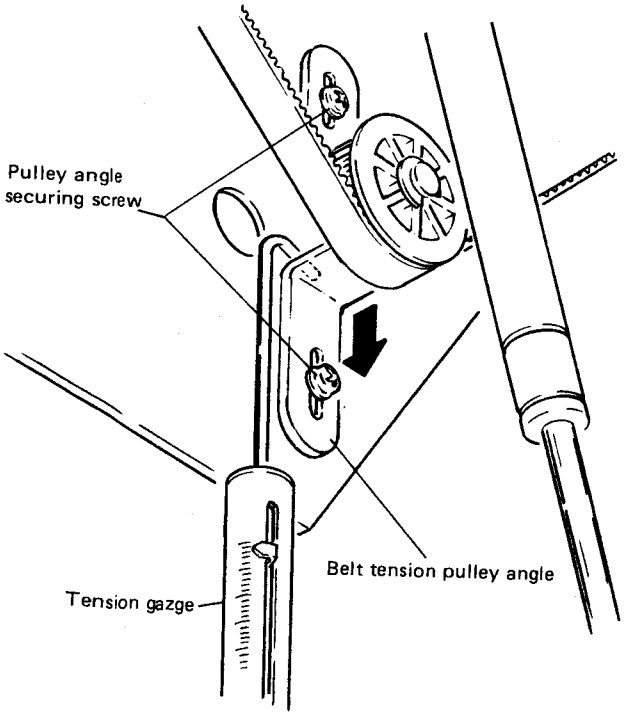
① Remove the table glass.
② Manually rotate the mirror base drive pulley to move the No.1 and No.2 mirrors to the paper entry side.
③ Remove the motor cover.



④ Remove the ozone filter form the ozone filter holder.

2. Drive belt tension adjustment

① Loosen the two screws that secure the drive belt tension pulley angle.



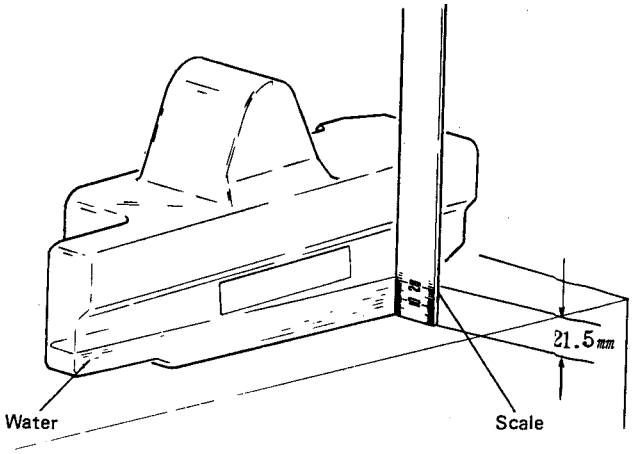
② Apply the tension gauge to the drive belt tension pulley angle and add the tension of 1.5~2.0kg in the downward direction (arrow direction).
③ Tighten the belt tension pulley angle securing screw.

3. Toner collect container full level sensor adjustment

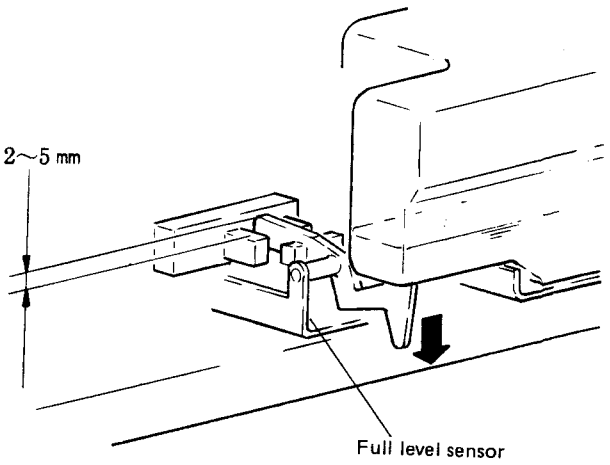
Toner collect container full level sensor needs to be adjusted in one of following conditions.

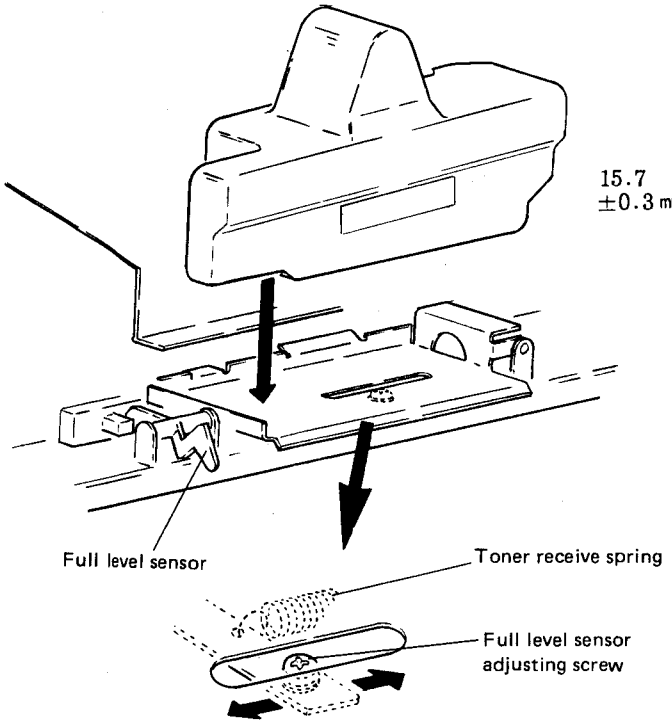
- After replacement of the toner receive spring.
- When the full level sensor adjusting screw is manipulated.
- When the toner collect container mechanism is disassembled.

① Place an empty toner bottle on the table in level and pour in water 21.5mm from the bottm.



② Place the empty toner bottle on the bottle receiving table. Move the full level sensor adjust screw in the arrow direction so that there should be a gap of 2 to 5 mm between the full level sensor and its actuator.

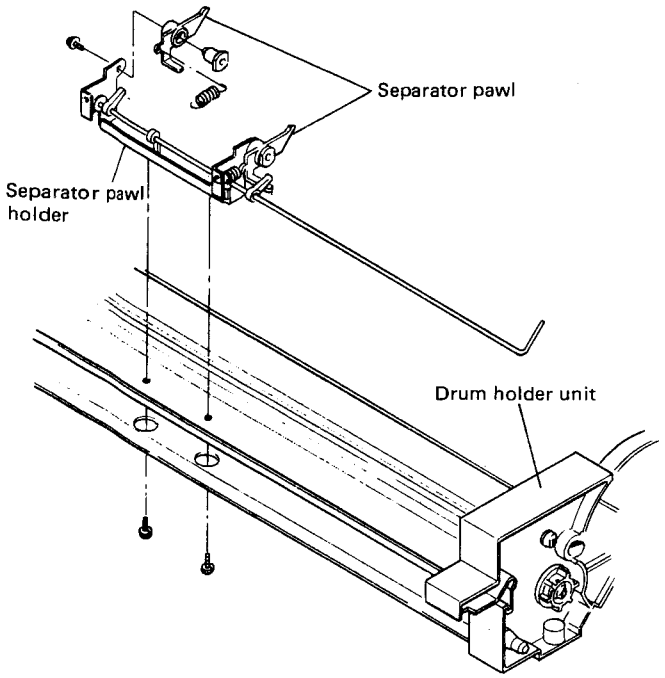




4. Drum separator pawl replacement

The drum separator pawls must be replaced every 40,000 copies.

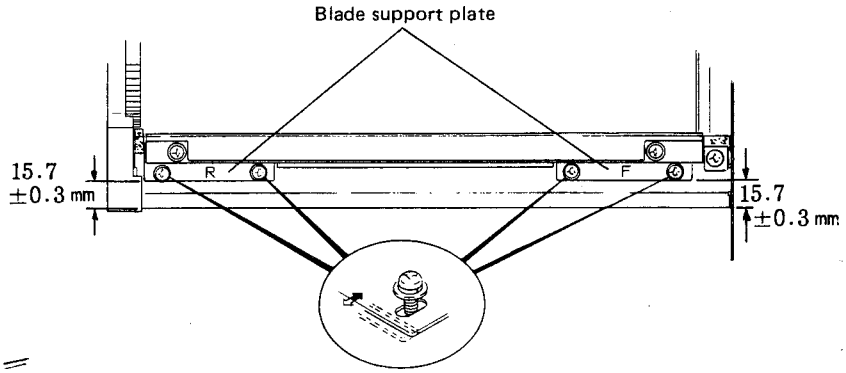
① Remove the drum unit holder from the copier.
② Remove the drum separator pawl holder from the drum holder unit.
③ Remove the separator pawl from the drum separator pawl holder.



5. Drum cleaning blade support plate location

The drum cleaning blade support plate must be in the following location

If not installed to the proper location, it may result in a cleaning failure, cleaning blade inversion rotation, drum damage, etc.

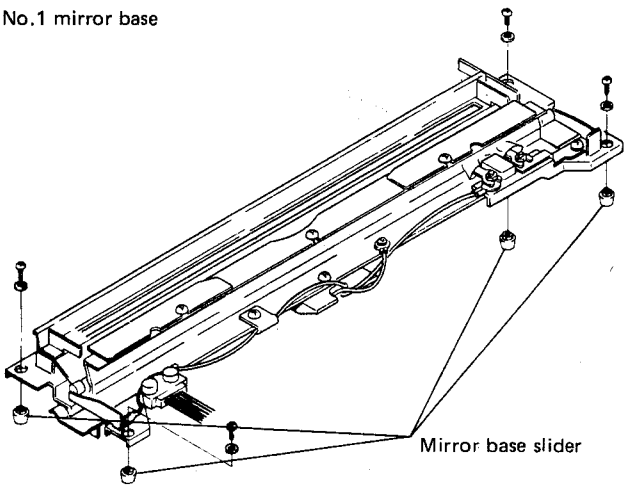


6. Mirror base slider replacement

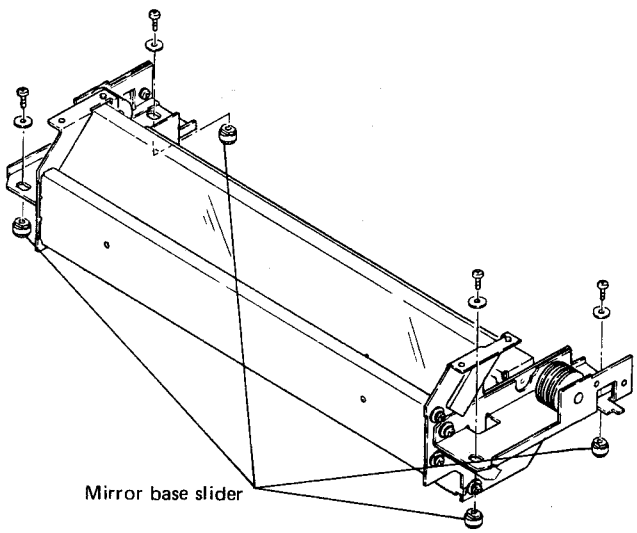
The mirror base slider's must be replaced together. Spares come in supply under a single parts code of (CSLI 0057 FC32)

Replacing only one slider may cause the mirror base to incline, producing play, and resulting in a blur or skew.

No.1 mirror base



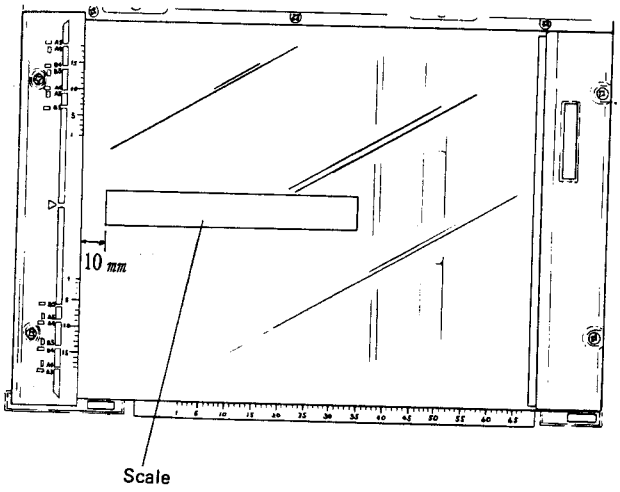
No. 2 mirror base



7. Copy magnification ratio adjustment (transversal)

The copy magnification ratio in the transversal direction (paper exit direction) should be adjusted by changing the the mirror motor revolutions using the dip switch on the mirror motor control PWB. Adjusting range is ±1.4%.

① Place the scale shown below on the original table and make a copy on the A3 paper in the normal mode.



② Compare the size of the scale with the image on the copy paper. If they do not match, vary the dip switch setting.

Dip SW No. 1	2	3	4	Magnification ratio change parcentage [%] (MRCP)
●	○	○	○	+1.4
●	○	○	●	+1.2
●	○	●	○	+1.0
●	○	●	●	+0.8
●	●	○	○	+0.6
●	●	○	●	+0.4
●	●	●	○	+0.2
●	●	●	●	0
○	●	●	●	0
○	●	●	○	−0.2
○	●	○	●	−0.4
○	●	○	○	−0.6
○	○	●	●	−0.8
○	○	●	○	−1.0
○	○	○	●	−1.2
○	○	○	○	−1.4

↑ Magnification ratio increases. (Mirror motor revolution decreases)

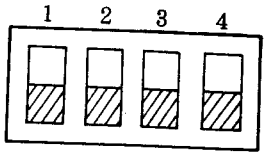
↓ Magnification ratio decreases. (Mirror motor revolution increases)

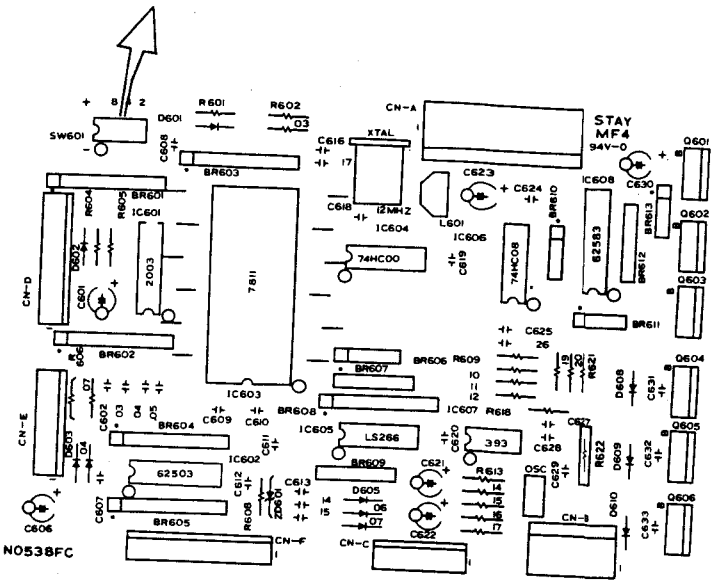
○−ON

●−OFF

$$MRCP=\frac{\text{Actual size}-\text{copy length}}{\text{Actual size}}\times 100\ [\%]$$

Dip switch (SW601)

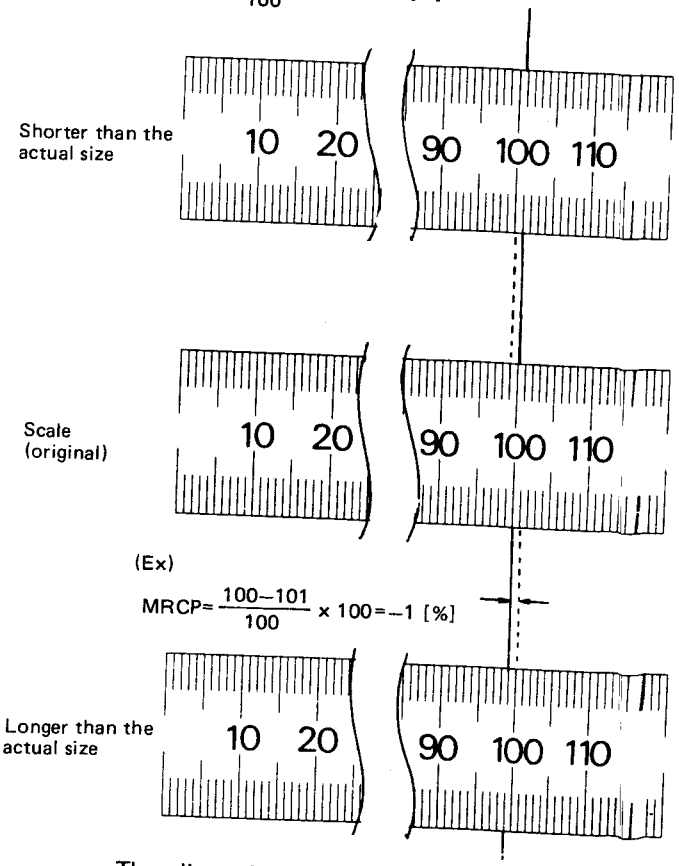




Mirror motor control PWB

(Ex)

$$MRCP=\frac{100-99}{100}\times 100=1\ [\%]$$



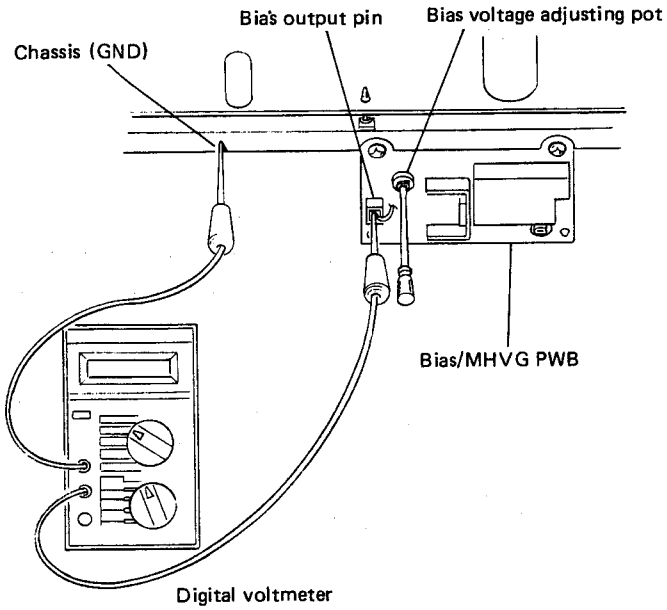
The dip switch position "1" is used to change the correction direction; it is positive when ON and negative when OFF.

③ Power switch (OFF → ON)

8. Bias voltage adjustment

① Set the digital voltmeter to the range above 300VDC.

② Apply the probes across the bias output pin (bias/MHVG PWB) and the chassis (GND).



③ Execute the test command 8. The bias voltage will be supplied for 30 seconds, adjust the output voltage to −230V by means of the bias voltage adjusting pot.

[15] MEINTENANCE

▲ = Replace/Install
X = Inspect (Clean/Adjust /Replace as necessary)
○ = Clean
★ = Lubricate
□ = Shift position
△ = Adjustment

(A) The SF-8100 requires specific maintenance at every 40,000 copies. The following is a list of basic maintenance items.

Item/Section	Parts description	Required Frequency					Remarks		
		Set up	40K	80K	120K	Every call	Drum unit (40K) (SF-810DR)	Heat roller kit (80K) (SF-810HR)	Cleaning roller (40K) (SF-810RL)
1. Developer Unit	• Developer (Black)	▲	▲	▲	▲				
	• DV Side seals F & R		○	○	▲				
	• DV cover		X	X	X	X			
	• Drive gears		★	★	★				
2. Drum	• Drum	▲	▲	▲	▲		1		
	• Blanking lamp		○	○	○	○			
	• Discharge lamp		○	○	○	○			
	• Corona wires (MCU)	○	▲	▲	▲	X			
	• Corona wires (TCU/SCU)	○	▲	▲	▲	X			
	• Separator pawls		▲	▲	▲	○			
	• Cleaner blade		▲	▲	▲	X	1		
3. Fuser	• Upper heat roller shaft			★*					
	• Upper heat roller		○	▲	○			1	
	• Lower heat roller		○	▲	○			1	
	• Thermistor		○	○	○	○			
	• Separator pawls (Upper x 4 / Lower x 3)		□	▲	□	○		Upper x 4 Lower x 3	
	• Upper cleaning roller	▲	▲	▲	▲	X			1
	• Lower cleaning roller	▲	▲	▲	▲	X			1
	• Drive gears		★	★	★				
4. Paper feed	• Paper feed rollers		○	○	○	○			
	• Paper stopper rollers		○	○	○	○			
	• Transports rollers		○	○	○				
	• Idler rollers		○	○	○				
	• Spring clutch		★	★	★				
	• Drive gears		★	★	★				
5. Optics	• CL harness				▲				
	• Mirrors/Lens/Copy lamp/Reflector		○	○	○	○			
	• MHP sensor		○	○	○				
	• Mirror base drive wire and pulleys		X	X	X				
	• Mirror base rail		★	★	★				
	• AE sensor		○	○	○				
	• LHP sensor		○	○	○				
6. Suction unit	• Belts		○	○	○	○			
	• Ozone filter				▲				
7. Copy quality		X	△	△	△	X			
8.	• Ozone fileter (cooling fan)				▲				
	• Toner collection box	▲	▲	▲	▲	X			
	• Gears		★	★	★				
	• Document glass, Document cover	○	○	○	○	○			

- After completion of machine maintenance, execute the test command 20 to reset the maintenance counter.
- After completion of developer replacement, execute the test command 42 to reset the developer counter.

* Use the TRIFLON oil (UKOG-0107CSZZ).

[15] MEINTENANCE

▲ = Replace/Install
X = Inspect (Clean/Adjust /Replace as necessary)
○ = Clean
★ = Lubricate
□ = Shift position
△ = Adjustment

(A) The SF-8100 requires specific maintenance at every 40,000 copies. The following is a list of basic maintenance items.

Item/Section	Parts description	Required Frequency					Remarks		
		Set up	40K	80K	120K	Every call	Drum unit (40K) (SF-810DR)	Heat roller kit (80K) (SF-810HR)	Cleaning roller (40K) (SF-810RL)
1. Developer Unit	• Developer (Black)	▲	▲	▲	▲				
	• DV Side seals F & R		○	○	▲				
	• DV cover		X	X	X	X			
	• Drive gears		★	★	★				
2. Drum	• Drum	▲	▲	▲	▲		1		
	• Blanking lamp		○	○	○	○			
	• Discharge lamp		○	○	○	○			
	• Corona wires (MCU)	○	▲	▲	▲	X			
	• Corona wires (TCU/SCU)	○	▲	▲	▲	X			
	• Separator pawls		▲	▲	▲	○			
	• Cleaner blade		▲	▲	▲	X	1		
3. Fuser	• Upper heat roller shaft			★*					
	• Upper heat roller		○	▲	○			1	
	• Lower heat roller		○	▲	○			1	
	• Thermistor		○	○	○	○			
	• Separator pawls (Upper x 4 / Lower x 3)		□	▲	□	○		Upper x 4 Lower x 3	
	• Upper cleaning roller	▲	▲	▲	▲	X			1
	• Lower cleaning roller	▲	▲	▲	▲	X			1
	• Drive gears		★	★	★				
4. Paper feed	• Paper feed rollers		○	○	○	○			
	• Paper stopper rollers		○	○	○	○			
	• Transports rollers		○	○	○				
	• Idler rollers		○	○	○				
	• Spring clutch		★	★	★				
	• Drive gears		★	★	★				
5. Optics	• CL harness				▲				
	• Mirrors/Lens/Copy lamp/Reflector		○	○	○	○			
	• MHP sensor		○	○	○				
	• Mirror base drive wire and pulleys		X	X	X				
	• Mirror base rail		★	★	★				
	• AE sensor		○	○	○				
	• LHP sensor		○	○	○				
6. Suction unit	• Belts		○	○	○	○			
	• Ozone filter				▲				
7. Copy quality		X	△	△	△	X			
8.	• Ozone fileter (cooling fan)				▲				
	• Toner collection box	▲	▲	▲	▲	X			
	• Gears		★	★	★				
	• Document glass, Document cover	○	○	○	○	○			

• After completion of machine maintenance, execute the test command 20 to reset the maintenance counter.
• After completion of developer replacement, execute the test command 42 to reset the developer counter.
* Use the TRIFLON oil (UKOG-0107CSZZ).

[16] SELF-DIAGNOSIS AND TEST FUNCTION

1. Test command functions

Test functions are used to clarify and pinpoint malfunctions in accordance with the status codes and to manipulate operations in the machine by entering an appropriate test command. A status code can be checked, changed, or cancelled by the test command function. In addition, various check-out functions may be performed.

(1) Actuation of the test command functions.

1 Depress CLEAR, REPEAT, ZERO, and PAUSE keys in that order. All of the indicators on the operation panel will go out, and the machine will be ready to accept test commands

If you do not complete the entering of CLEAR, REPEAT, ZERO, and PAUSE keys within 5 seconds, each the copier will not go into the test mode. You will have to perform the command entry all over again.

2 Program the test command by entering the two-digit command code. Although any number of digits can be entered through the keyboard, only the last two digits are effective.

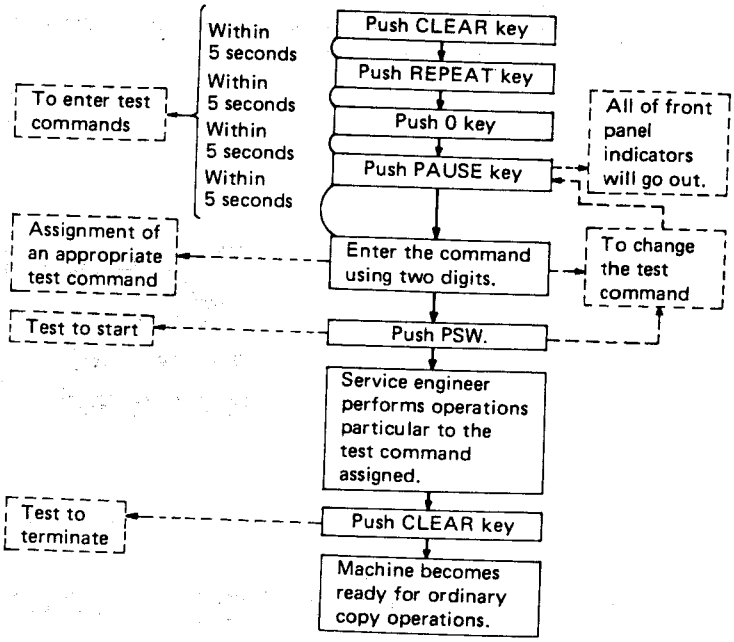
3 Depression of the PSW after the two digit entry, enables the test program as defined by the key entry.

4 To change the command, press the PAUSE key. The test program under execution is terminated and all of front panel indicators will go out. The control returns to Step 2 and is ready for a new entry.

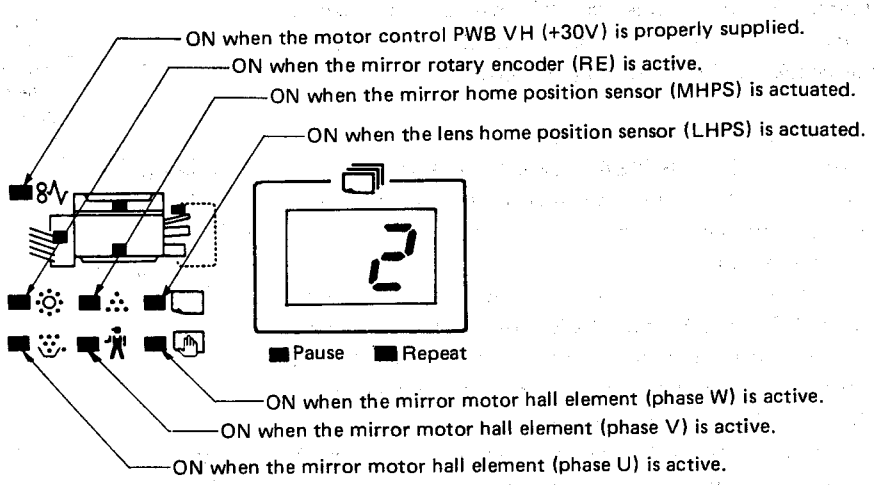
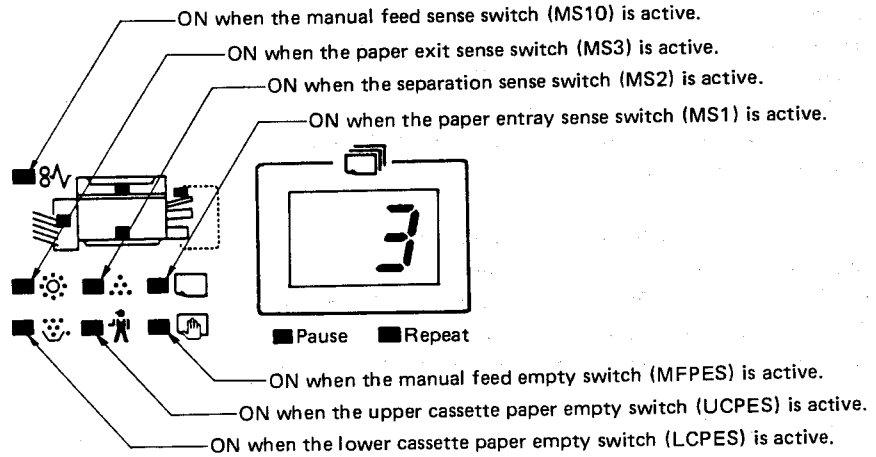
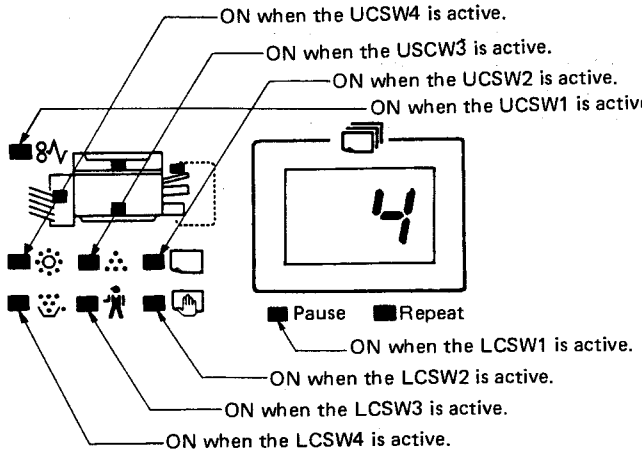
5 To terminate the test operation, press the CLEAR key. The control will return to the copier mode.

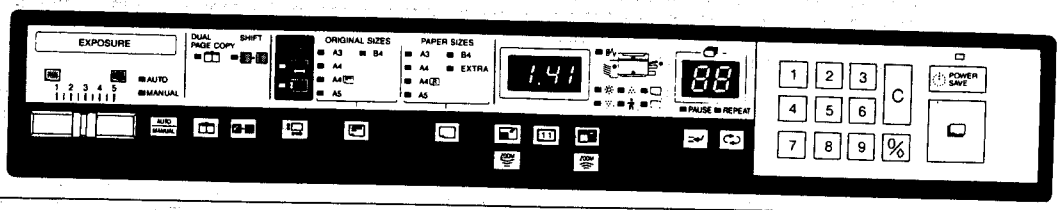
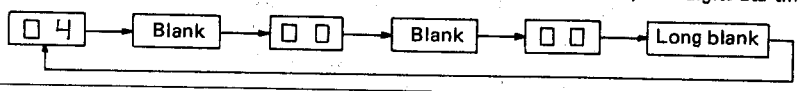
(NOTE)

- Depression of the PAUSE key will discontinue the test operation for the test commands listed below:
  01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12, 16, 18, 19, 20, 25, 26, 27, 30, 31, 40, 41, 42, 50, 53, 54
- Any operation listed below will discontinue test command, 21, 22, 23, or 24:
  1. Power switch off.
  2. Push CLEAR → REPEAT → 0 → PAUSE → CLEAR keys.
- Test commands 13 and 14:;
  Test command, 13 and 14, are used to clear the contents of the test command memory stored in the LSI, the program will clear automatically upon the completion of the test programs 13 or 14.
  After this, the machine will go to the ordinary operational mode.


Push CLEAR key
Within 5 seconds
Push REPEAT key
Within 5 seconds
Push 0 key
Within 5 seconds
Push PAUSE key
Within 5 seconds
To enter test commands
All of front panel indicators will go out.
Assignment of an appropriate test command
Enter the command using two digits.
To change the test command
Test to start
Push PSW.
Service engineer performs operations particular to the test command assigned.
Test to terminate
Push CLEAR key
Machine becomes ready for ordinary copy operations.

(2) Types of test commands and their functions.

Test command	Function
01	The mirror base will perform forward and reverse movements automatically, to enable checking of the mirror base action.
02	The optical unit may be moved manually, to permit monitoring of power supply, switch, sensor, and motor encoder output states on the display. 
03	ON/OFF state of the switches in the paper path (MS1, MS2, MS3, MS10) may be checked on the display. ON/OFF state of the paper empty switch (MFPES, UFPES, LCPES) may be checked on the display. 
04	The ON/OFF state of the cassette size sense switch (CSW1 to CSW4) may be checked on the display.  UCSW1 —— UCSW4 (Rear frame side) ⟷ (Front frame side) LCSW1 —— LCSW4 (Rear frame side) ⟷ (Front frame side)

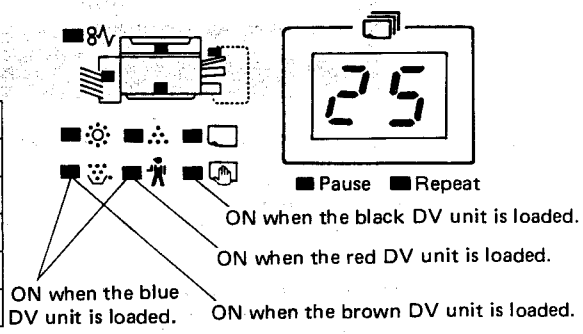
05	All indicators on the operation panel are turned on for a period of 5 seconds to check for a lamp failure or a related circuit. 
06	The heater lamp is turned on and off five times for a period of 0.5 second each. Used to check the heater lamp drive circuit. If the heater lamp flashes during the above peroid, the failure is in the LSI input line (temperature control circuit), not in the output lines. If the lamp stays on or off continuously, there may be a failure in the triac, heater lamp, or the LSI output lines.
07	The copy lamp is activated for 6 seconds. (Full voltage is applied for the first second, then the voltage appropriate to the exposure setting is applied for 5 seconds.) This allows checking of the voltage on the CL Reg PWB while the copy lamp is active.
08	Developing bias voltage is applied for 30 seconds. The bias voltage and main PWB line signal checks may be made with this test command.
09	MHVG and SHVG are turned on for 30 seconds. This test command allows performance of the current adjustment for the MHVG and SHVG, main PWB signal checks, or proper functioning of the MHVG and SHVG.
10	THVG is turned on for 30 seconds. This test command allows checking of the main PWB voltage or proper functioning of the THVG.
12	BL (blank lamp) and DL (discharge lamp) are turned on for 30 seconds. (Key operation: C → R → 0 → P → 1 → 2 → PSW → numeric key entry will make the respective BL activated.) Entry of 1: BL1 actuates. Entry of 4: actuates. Entry of 2: BL2 actuates. Entry of 5: BL5 actuates. Entry of 3: BL3 actuates. Entry of 0: All BLs actuate.
13	Used to cancel the status code U1.
14	Used to cancel the status code H3 or H4.
16	Used to check the maintenance preset counter contents. Set to 40000 with the SF-8100. Its contents will be displayed on the multicopy display in three cycles to indicate a whole number, two digits ata time. 
18	Used to check the machine's total copy count. Will be displayed in the same manner as (16) above.
19	Actual copy count in the maintenance counter is displayed. Will be displayed in the same manner as (16) above.
20	Used to reset the maintenance preset counter to zero after the completion of machine maintenance. This test command must be executed after completion of machine maintenance.
21	1. Used to check the warmup time. 2. Used to perform the aging test according to the entered copy number. When the test command is executed, the machine goes into the ordinary machine operating mode, and the warmup time starts to count from 0 and increases every 2 seconds, the warmup time is indicated on the multicopy number display. When the RPL turns on, warmup counting is stopped and the display remains as it is. Depression of the CLEAR key, entry of a copy number, and depression of the REPEAT key followed by the PSW begins the aging operation until the entered copy number is reached. The paper misfeed detect function stays active.
22	The aging test is carried out without using paper. The paper misfeed sensor is disabled.
23	Though identical to the test command 21, the warmup time is omitted and the heater trouble detect function and paper misfeed detect function is disabled. (The heater lamp does not actuate.)
24	Permits machine operational checks by omitting the warmup time. RPL lights up immediately after the execution of the test command. Though it is possible to immediately proceed to check machine operations, status code H4 may appear when operating at low temperature.

25

1. Used to adjust the developer sensor level.
2. Used to check action of rotating parts.
   With this test command, the main motor, cooling fan motor, cooling fan motor, and the suctin fan motor runs for 1 minute while applying the developing bias. The TPL will turn on if the toner level is too low.
3. Used to check the developing bias voltage.

(DV uint 8-p connector wiring)

Kind of DV unit	Connector pin No. (Signal name)			
	2(DVSW1)	3(DVSW2)	4(DVSW3)	5(20V)
Black	○			○
Red		○		○
Blue		○	○	○
Brown			○	○


25
Pause
Repeat
ON when the black DV unit is loaded.
ON when the red DV unit is loaded.
ON when the blue DV unit is loaded.
ON when the brown DV unit is loaded.

26

The lens moves from normal → x0.86 → x0.81 → x0.70 → x1.41 → x1.22 → x1.15 → normal (AB series).
The lens moves from normal → x0.95 → x0.77 → x0.64 → x1.41 → x1.29 → x1.21 → normal (Inch series).
Used to check dark box operations.

27

(AB series)

The lens move from normal → x0.95 → x0.81 → x0.70 → x1.41 → x1.22 → x1.15 → normal (AB series).
Lens steps through the ratios continuously.

Lens stops 2 seconds at each point.

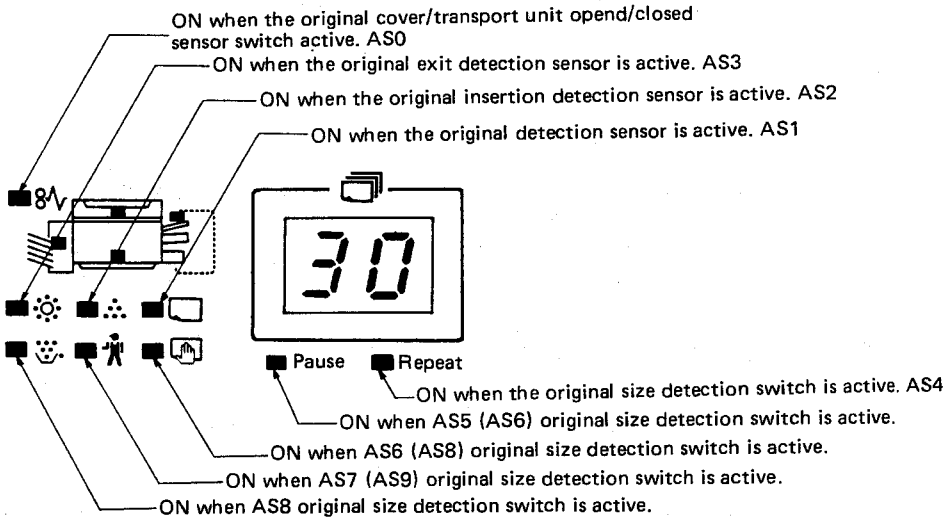
(Inch series)

The lens moves from normal → x0.95 → x0.77 → x0.64 → x1.41 → x1.29 → x1.21 → normal (inch series).
Lens steps through the ratios continuously.

Used to check dark box operations.

30

Used to check the ON/OFF state of the SF-463 ADF switch.


ON when the original cover/transport unit opend/closed sensor switch active. AS0
ON when the original exit detection sensor is active. AS3
ON when the original insertion detection sensor is active. AS2
ON when the original detection sensor is active. AS1
30
Pause
Repeat
ON when the original size detection switch is active. AS4
ON when AS5 (AS6) original size detection switch is active.
ON when AS6 (AS8) original size detection switch is active.
ON when AS7 (AS9) original size detection switch is active.
ON when AS8 original size detection switch is active.

(AB series)

Original size / Activating LED (ON SW)	A3	B4	A4	A4R	B5	B5R	A5
Toner full indication (AS8)	○	○		○		○	
Maintenance indiaction (AS7)						○	
Manual feed indication (AS6)				○			○
Pause indication (AS5)		○			○		
Repeat indication (AS4)	○		○				

○: Active (ON)

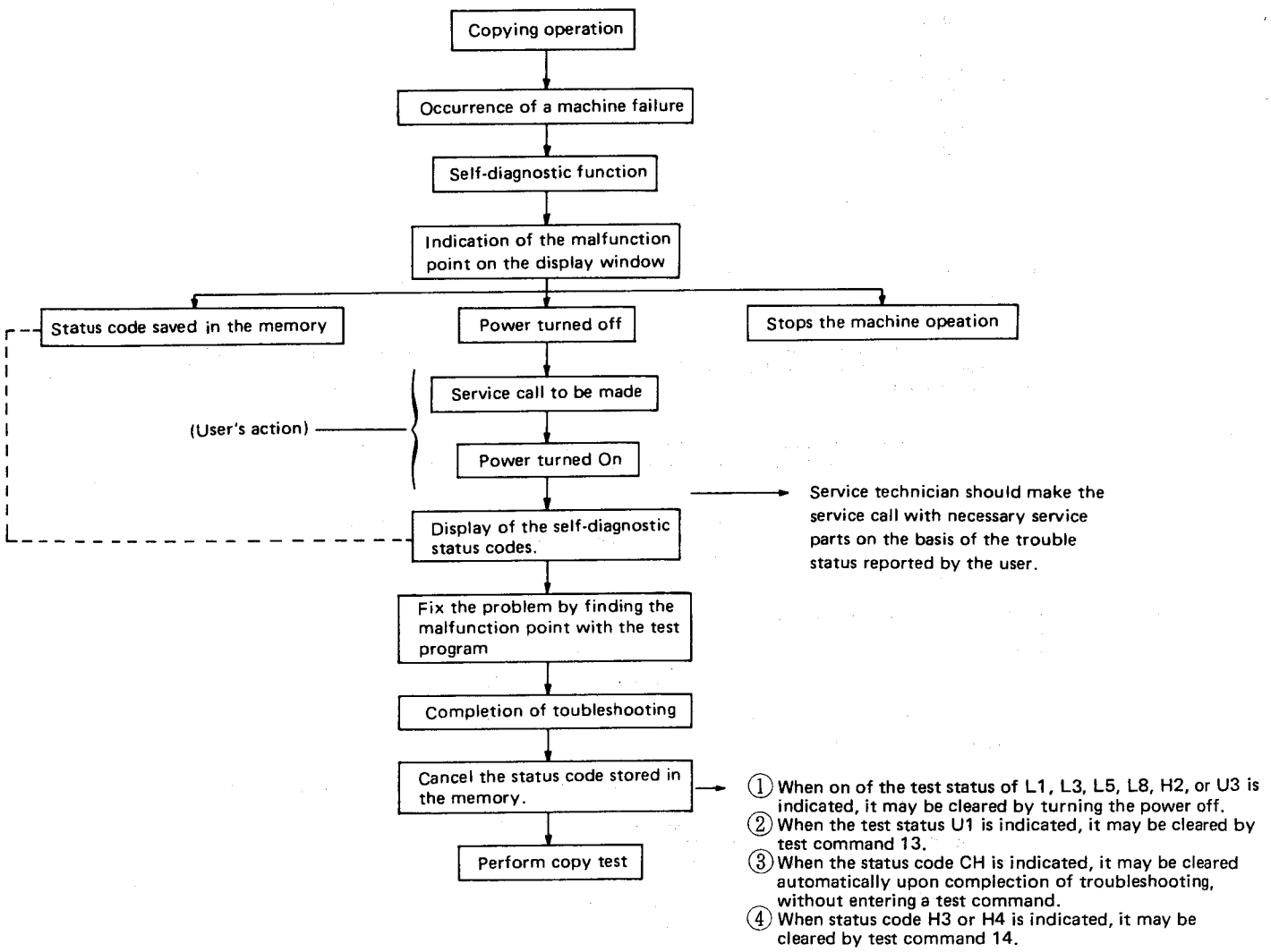
<table>
<tr><td></td><td>
(Inch series)
<table>
<tr><th>Original size / Activating LED (ON SW)</th><th>11"x17"</th><th>8½"x14"</th><th>8½"x11"</th><th>8½"x11"R</th><th>5½"x8½"</th></tr>
<tr><td>Maintenance indication (AS9)</td><td>○</td><td>○</td><td></td><td></td><td></td></tr>
<tr><td>Manual feed indication (AS8)</td><td>○</td><td>○</td><td></td><td>○</td><td></td></tr>
<tr><td>Pause indication (AS6)</td><td></td><td>○</td><td></td><td>○</td><td>○</td></tr>
<tr><td>Repeat indication (AS4)</td><td>○</td><td></td><td>○</td><td></td><td></td></tr>
</table>
○: Active (ON)
</td></tr>
<tr><td>31</td><td>Used for operational checks of the SF-463 ADF (aging operation).
Operation is permitted without using an original.</td></tr>
<tr><td>40</td><td>Displays the contents of the developer preset counter, in a similar manner as test command 16. (40000 copies for the black developer and 10000 copies for others.)
Color of the developer in operation is displayed in a similar manner as test command 25.</td></tr>
<tr><td>41</td><td>Displays the contents of the copy number preset counter, in a similar manner as test command 16.
Color of the developer in operation is displayed in a similar manner as test command 25.</td></tr>
<tr><td>42</td><td>Reset the contents of the copy number counter, in a similar manner as test command 16.
Color of the developer in operation is displayed in a similar manner as test command 25.
The developer must be replaced when the copy kit is installed.</td></tr>
<tr><td>50</td><td>Used to enter the copy lead edge adjusting value.
Method:
Key entrey: C → R → 0 → P → 5 → 0 → PSW → □ □ → PSW (one copy is produced)
Number to be set (PSC-a).
→ P → □ □ → PSW (one copy is produced)
Number to be set (PSC-b).
Set both PSC-a and PSC-b to zero, make a copy in the enlarge (x1.42) and reduce (x0.64) mode, respectively, and measure the lead edge void area.
L1: Lead edge void area (mm) in the enlarge copy mode (x1.42).
L2: Lead edge void area (mm) in the reduce copy mode (x0.64).
Value of PSC-a and PSC-b can be obtained in the following manner:
PSC-a = 4.67 x (L1 − L2)
PSC-b = (6.54 x 1.2) − (2.97 x L1) − 5.36 (Fracitons must be rounded off)
NOTE: Operation must be done in the ready state.</td></tr>
<tr><td>53</td><td>Used to set the time for the separation solenoid (DPSS) to actuate after the activation of PSC. (Normally set to 0.)
Method:
Key entry: C → R → 0 → P → 5 → 3 → PSW → □ □ → PSW
Enter the value.</td></tr>
<tr><td>54</td><td>Used to set the time for the transport roller clutch (PTS) to stop after the actuation of the MS1.
Method:
Key entry: C → R → 0 → P → 5 → 4 → PSW → □ □ → PSW
Enter the value. (Normally set to 0)
The value 1 incicates 10 msec. If 06 was entered, the TRC will turn off 60 msec after the activation of MS1.
NOTE: Operation must be done in the ready state.</td></tr>
</table>

NOTE: The coorswitch must be closed when test command, 1, 6, 7, 8, 9, 10, 12, 22, 23, 24, 25, 26, 27, 31, 50, 53, 53 is executed.
If the doorswitch is open, the test command will not be executed.
If the warmup time is to be checked with the test command 21, the doorswitch must be closed after the entry of the test command

2. Self-diagnostic functions

When the copier malfunctions, operations are suspended immediately and a status code is indicated on the multi-copy display. Status codes are represented as an alphanumeric combination of figures.

(1) Outline


Copying operation
Occurrence of a machine failure
Self-diagnostic function
Indication of the malfunction point on the display window
Status code saved in the memory
Power turned off
Stops the machine opeation
(User's action)
Service call to be made
Power turned On
Service technician should make the service call with necessary service parts on the basis of the trouble status reported by the user.
Display of the self-diagnostic status codes.
Fix the problem by finding the malfunction point with the test program
Completion of toubleshooting
Cancel the status code stored in the memory.
Perform copy test
① When on of the test status of L1, L3, L5, L8, H2, or U3 is indicated, it may be cleared by turning the power off.
② When the test status U1 is indicated, it may be cleared by test command 13.
③ When the status code CH is indicated, it may be cleared automatically upon complection of troubleshooting, without entering a test command.
④ When status code H3 or H4 is indicated, it may be cleared by test command 14.

(2) Types of self-diagnosis

Status code	Trouble symptom and cause	Test command used
L1	Failure in the mirror base forward movement. This status is issued if the mirror feed complete signal has not been received by the main PWB from the mirror motor drive PWB within 6 seconds after the main PWB has set the mirror start signal to the mirror motor drive PWB. Possible cause: Failure in the main PWB. Failure in the mirror motor PWB.	1, 2
L3	Failure in the mirror base return movement. This status is issued if the main PWB has not received the mirror base return complete signal from the mirror motor drive PWB within 3.5 seconds after the main PWB has received the mirror feed complete signal from the mirror motor drive PWB when the mirror base has completed the froward movement. Possible cause: Failure in the main PWB. Failure in the mirror motor PWB.	1, 2
L5	This status is issued if the lens slide base has not moved within 5 seconds after the lens slide base feed instruction was given to the dark box unit stepping motor from the main PWB. Possible cause: Failure in the home position sensor. Failure in the lens slide base. Failure in the dark box unit pulley gear. Failure in the stepping motor installation. Failure in the lens slide base drive wire. Failure in the mirror motor PWB.	26, 27
L8	This status is issued if the power supply frequency signal FWA was not sent to the main PWB.	–
H2	Open heat roller thermistor (harness failure).	–
H3	Heat roller irregular high temperature.	6 → 14
H4	Heat roller irregular high temperature. This status is issued if temperature drops below 140°C after the machine went into the ready condition. Or, if it took more than 4 minutes to reach the heat roller control temperature (140°C) after power on. Or, if the heater lamp has continued to actuate for more than 1.5 minutes to reach the ready condition from the power save mode. (Power save control temperature is 140°C).	6 → 14
U1	Voltage drop in the memory backup battery (below 2.2V).	18, 19 → 13
U2	Data transfer trouble between the main circuit and memory circuit.	–
CH (on)	Open front cover or failure in the front cover position sensing switch (DSW).	–
CH (flicker)	Developing unit not inserted in the machine or connector contact failure.	–
PC	Personal counter is not inserted for the machine equipped with the personal counter.	–
U3	Trouble in the dark box, mirror motor, mirror motor drive PWB, main PWB, optical system, or control unit.	When the PRINT switch is depressed and held after the occurrence of status code U3, the trouble code is indicated on the display.

Refer to the list below for the symptom and cause of the status code U3.
A more detailed status code will be displayed when the PRINT switch is pressed and held after the appearance of the status code U3.

Trouble code	Symptom	Cause
40 (flicker)	The dark box home position sensor does not detect the position of the slide base (lens).	(Dark box unit) • Failure in the stepping motor. • Failure in the home position sensor. • Failure in the slide base drive wire. • Failure in the pulley gear. • Failure in the stepping morot installation. • Failure in the wiring harness between the dark box unit and the mirror motor drive PWB. • Failure in the mirror motor PWB. • Slide base in seizure.
10 (flicker)	MHPS does not detect the mirror base home position during the start of the mirror feed movement.	• Failure in the MHPS. • Failure in the mirror motor drive PWB. • Failure in the main PWB. • Failure in the mirror motor. • Failure in the mirror base drive wire.
8 (flicker)	Mirror motor failure	• Mirror motor in seizure. • No mirror motor output pulse. • Failure in 24VDC supply (below 18.5V). • Failure in the mirror motor PWB.
4 (flicker)	The stepping motor pulse count deviates by more than 10 pulses when the dark box unit slide base returns to the normal position, from an enlarge or reduce position. Rotation of the stepping motor does not coincide with the movement of the slide base.	• Failure in the stepping motor. • Failure in the slide base drive wire. • Failure in the slide base. • Failure in the pulley gear. • Failure in the stepping motor installation.
0 (flicker)	Data transfer failure between the mirror motor drive PWB and the main PWB.	• Failure in the main PWB. • Failure in the mirror motor PWB. • Failure in the wiring harness between the main motor PWB and the mirror motor PWB.

SHARP PARTS GUIDE

CODE: 00ZSF8100PG-M

MODEL SF-8100

CONLENTS

1 外装 (Exteriors)
2 操作・オリジナルテーブル部 (Operation·Original table section)
3 上フレーム部 (Upper frame section)
4 ＤＣＬレフレクターユニット (DCL reflector unit)
5 ブランクランプ基板ユニット (BL PWB unit)
6 光学ユニット (Optical section)
7 トナーホッパーユニット (Toner hopper unit)
8 後フレーム部 (Rear frame section)
9 駆動ユニット (Drive unit)
10 現像部 (Developer unit)
11 排紙連結板ユニット (Derivery joint plate unit)
12 ドラム・クリーナー部 (Drum cleaner unit)
13 チャージャー部 (Charger unit)
14 定着部 (Fusing section)
15 給紙部 (Paper feeding section)
16 シャーシ部 (Chassis)
17 転写ガイドユニット (Transfer guide unit)
18 手差し給紙台 (Manual paper feeding section)
19 暗箱ユニット (Dark box unit)
20 カセット (250枚) (Cassette (250 sheets))
21 カセット (500枚) (Cassette (500 sheets))
22 メイン基板 (Main PWB)
23 ノイズフィルター基板 (Noise filter PWB)
24 コピーランプレギュレーター基板 (CL-Regulater PWB)
25 リレー基板 (Reray PWB)
26 ＣＬ-Ｒスイッチ基板 (CL-R Switch PWB)
27 カセットサイズ検知基板 (Cassette size sensor PWB)
28 カセットサイズ検知(Ｌ)基板 (Cassette size sensor (L) PWB)
29 ＬＥＤ基板 (LED PWB)
30 オートＥＸセンサー基板 (Auto EX sensor PWB)
31 ブランクランプ基板 (BL PWB)
32 除電ランプ基板 (DL PWB)
33 ＤＣ電源基板 (DC Power supply PWB)
34 ミラーモーター基板 (Mirror motor PWB)
35 その他部品 (Other parts)
90 ビス，ナット，ワッシャ (Hardware parts)

CPS

SHARP CORPORATION

補修部品のランク付

市場における補修部品の在庫管理が、適正に運営出来る手助けとなることを、目的とします。

Aランク：取替頻度が比較的多く、在庫を必要とするパーツ。

Bランク：取替頻度は比較的少ないが、在庫を必要とするパーツ。

Cランク：取替頻度はほとんどないと思われるパーツ。

Dランク：取替頻度はほとんどないが新品再生に必要なパーツ。

Eランク：ユニットパーツ。サービス効率アップの為、在庫する事を推奨するパーツ。

Sランク：消耗品

但し、複写機のパーツについては、同一パーツ名であっても、下記パーツは、使用箇所の相違により、A・Bランク分けします。

パーツ名：金属性のギャー、スプロケット、ベアリング、ゴム製のベルト、スプリングクラッチ機構

Aランク：常に回転しているか、負荷がかかっている箇所に使用され、回転回数が増える事により、変形又は摩耗が生じその性能が発揮出来なくなるパーツ。

Bランク：回転部分に使用されているが、摩耗度が比較的少ないパーツ。

DEFINITION

The definition of each Rank is as follows and also noted in the list.

A ; Parts necessary to be stocked as High usage parts.

B ; Parts necessary to be stocked as Standard usage parts.

C ; Low usage parts.

D ; Parts necessary for refurbish.

E ; Unit parts recommended to be stocked for efficient after sales service.
Please note that the lead time for the said parts may be longer than normal parts.

S ; Consumable parts.

Please note that the following parts used in Copier under the same description are classified into A or B Rank depending upon the place used.

Example ; Gear made of Metal, Sprocket, Bearing, Belt made of Rubber, Spring clutch mechanism.

A Rank ; The parts which may be with the revolution or loading.

B Rank ; Parts similar to A Rank parts, but are not included in Rank A.

安全性・信頼性確保のため部品は、必ず正規のものをご使用下さい。
⚠印の商品は、安全上重要な部品です。交換をする時は、安全および性能維持のため必ず指定の部品をご使用下さい。

Parts marked with "⚠" is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

- SF-8100のサービス資料には、この資料以外にサービスマニュアルNo.1，回路図集等があります。合せて御利用下さい。

- Other than this Parts Guide, please refer to documents Service Manual No. 1 Circuit Diagram for SF-8100.

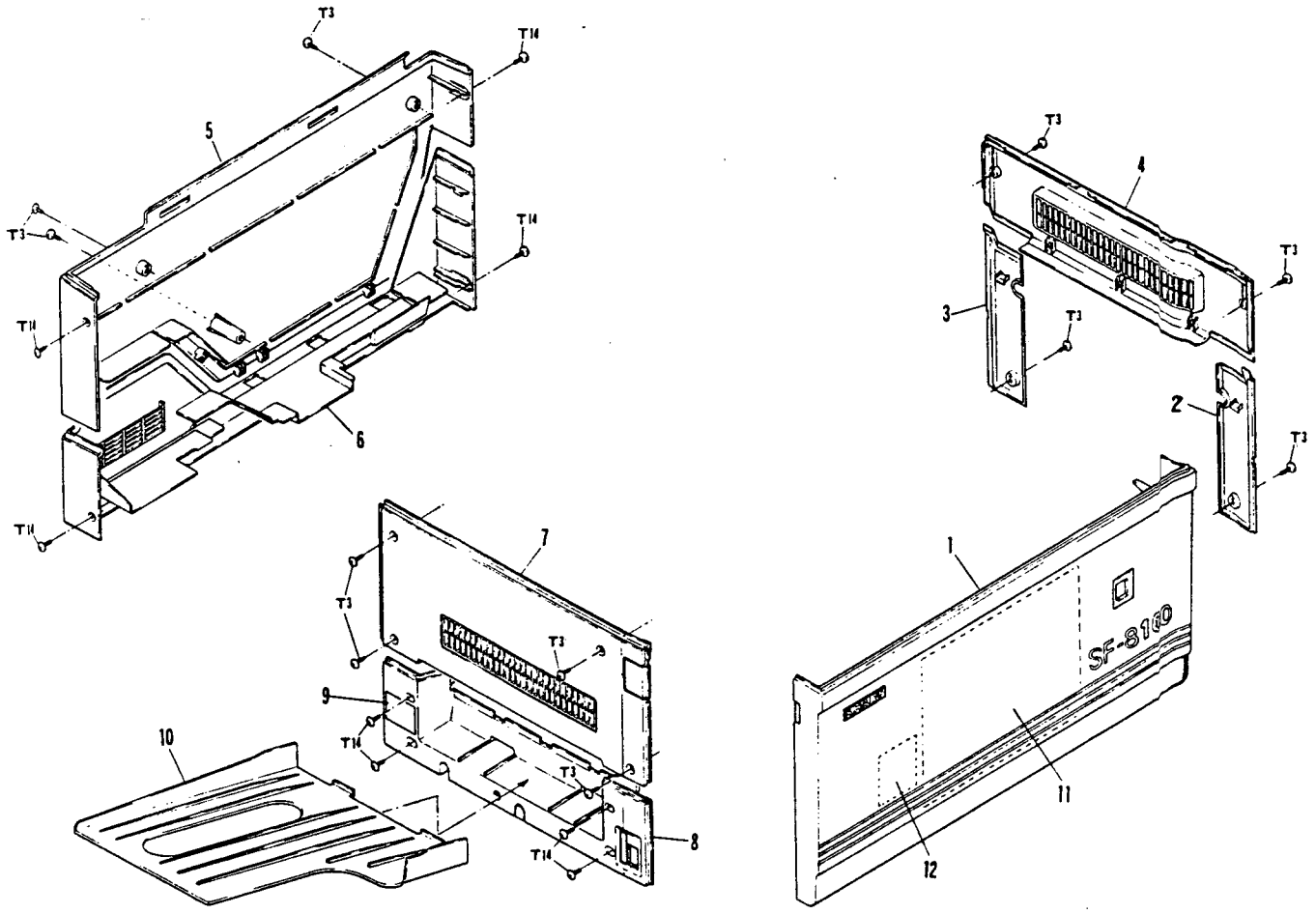
- Please use 13 digits code described in the right hand corner of front cover of the the document, when you place an order.

- For U.S. only-Use order codes provided in advertising literature.
  Do not order from parts department.

CPS
このパーツガイドは、データを母機のコンピュータより直接取り出し、電算写植システム(CPS：コンピュータ フォトタイプ システム)に乗せ、自動編集された物です
Edition of this Parts Guide is made fully automatic by the computer phototype system (CPS) whose printout data are directly picked up from the Sharp's main computer bank.

1 外装部(Exteriors)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CCAB-0459FCW6	BD	GU	N	D	Front exterior (AB series)	マエキャビ
	CCAB-0459FCB3	BC	GQ	N	D	Front exterior (Inch series)	マエキャビ
2	GCAB-0509FCZZ	AK	DX		D	Right exterior lower (LF)(Front)	ミギキャビ シタ
3	GCAB-0510FCZZ	AH	DX		D	Right exterior lower (LR)(Right)	ミギキャビ シタ
4	GCAB-0522FCZZ	AQ	ET	N	D	Right exterior upper	ミギキャビ ウエ
5	GCAB-0523FCZZ	AZ	GD	N	D	Rear exterior upper	ウシロキャビ ウエ
6	GCAB-0508FCZZ	AW	FP	N	D	Rear exterior lower (USA,Canada,Australia,Japan)	ウシロキャビ シタ
	CCAB-0508FC03	BA	GG	N	D	Rear exterior lower (U,Kingdom,SEEG,others)	ウシロキャビ シタ
7	GCAB-0524FCZZ	AV	FN	N	D	Left exterior upper	ヒダリキャビ ウエ
8	CCAB-0525FC01	AS	FB	N	D	Left exterior lower (Japan)	ヒダリキャビ シタ
	CCAB-0525FC02	AS	FB	N	D	Left exterior lower (USA,Canada,Australia)	ヒダリキャビ シタ
	CCAB-0525FC03	AS	FB	N	D	Left exterior lower (U,Kingdom,SEEG)	ヒダリキャビ シタ
9	TCAUH0684FCZZ	AA	DB		C	Service caution label (USA,Australia)	サービスチュウイ ラベル
	TCAUH0687FCZZ	AA	DB		C	Service caution label (Canada)	サービスチュウイ ラベル
	TCAUA0766FCZZ	AB	DB		C	Service caution label (English)	サービスチュウイ ラベル
	TCAUA0770FCZZ	AB	DC		C	Service caution label (SEEG)	サービスチュウイ ラベル
10	LSOU-0052FCZZ	AT	FH		C	Paper feed tray	ハイシトレイ B2
11	TLABH1675FCZZ	AK	DY	N	C	Label (Japan)	ホシュテンケン ラベル
	TLABH1676FCZZ	AK	DY	N	C	Label (USA,U,Kingdom,Australia)	ホシュテンケン ラベル
	TLABH1677FCZZ	AK	DY	N	C	Label (E,F,G,S)	ホシュテンケン ラベル
12	TLABH1678FCZZ	AD	DF		C	Label (USA)	コンディション ラベル



2 操作・オリジナルテーブル部(Operation・Original table section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	HiNDP0190FCZZ	AL	EB	N	D	Indicator (Japan)	インジケータ
	HiNDP0191FCZZ	AL	EB	N	D	Indicator (AB series)	インジケーター
	HiNDP0192FCZZ	AL	EB	N	D	Indicator (Inch series)	インジケーター
2	JKNBP0092FCZZ	AC	DC	N	C	Knob	ノウドツマミ
3	PCUSF0163FCZZ	AA	DA	N	C	EX Knob cushion	EXノブヨウ クッション
4	HPNLC0153FCZZ	AN	EH	N	C	Operation panel	ソウサパネル
5	PSHEP1591FCZZ	AA	DA	N	C	Insulator sheet	ゼツエンシート
6	CBTN-0076FC01	AD	DH	N	C	Key top (Japan)	ヨネツ キー
	CBTN-0076FC02	AD	DH	N	C	Key top (Export)	ヨネツ キー
7	JBTN-0075FCZZ	AE	DJ	N	C	Print key A	プリント A
8	JBTN-0081FCZZ	AC	DD	N	C	Print key B	プリントキー B
9	CBTN-0077FC01	AG	DR	N	C	Key top	スウジキー
10	CBTN-0079FC02	AE	DJ	N	C	Key top	リピートキー
11	CBTN-0078FC01	AE	DK	N	C	Key top (Japan)	ズームキー
	CBTN-0078FC02	AE	DK	N	C	Key top (Export)	ズームキー
12	CBTN-0080FC02	AC	DE	N	C	Key top	ヨウシサイズ キー
13	CBTN-0080FC01	AC	DE	N	C	Key top	ゲンコウサイズ キー
14	CBTN-0082FC03	AD	DH	N	C	Key top	フテイケイニュウリョク キー
15	CBTN-0079FC01	AE	DJ	N	C	Key top	シフトキー
16	CBTN-0082FC01	AC	DE	N	C	Key top (Japan)	AE キリカエキー
	CBTN-0082FC02	AC	DE	N	C	Key top (Export)	AE キリカエキー
17	DHAi-1186FCZZ	AM	EG	N	C	EX Variable resistor harness	EX ボリュウムハーネス
18	LANGT1167FCZZ	AD	DF	N	C	Variable resistor fixing plate	ボリュムトリツケ アングル
19	CPWBF0534FC51	BA	GK	N	E	Switch PWB	スイッチ キバン
20	LX-BZ1097CCZZ	AA	DA		C	Screw	ビス
⚠ 21	CPWBF0533FC51	BQ	MQ	N	E	LED PWB (Japan)	LED キバン
⚠	CPWBF0533FC52	BQ	MP	N	E	LED PWB (Export)	LED キバン
22	PSHEP1626FCZZ	AB	DC	N	C	Connector protect sheet	ソウサユニットコネクター ホゴマイラー
23	CCOVH0144FC01	BB	GL		D	Original cover	B2 OR カバー
24	PSHEZ1008FCZZ	AX	FX		C	OC sheet	OC マット B2
25	CFiX-0194FC01	AQ	ER		C	Glass fixing plate (R)	ガラスオサエ R
26	CFiX-0195FC01	AQ	ET		C	Glass fixing plate (L) (Japan)	ガラスオサエ L
	CFiX-0195FC02	AQ	ET		C	Glass fixing plate (L) (Inch series)	ガラスオサエ L
	CFiX-0195FC03	AQ	ET		C	Glass fixing plate (L) (AB series)	ガラスオサエ L
27	CCAB-0521FC01	BB	GP	N	D	Upper exterior M (AB series)	ウエキャビ M
	CCAB-0521FC02	BB	GP	N	D	Upper exterior M (Inch series)	ウエキャビ M
28	PGUMS0147FCZZ	AA	DA	N	C	Table glass rubber small	テーブルガラス ゴムショウ
29	PGUMS0146FCZZ	AA	DA	N	C	Table glass rubber large	テーブルガラス ゴムダイ
30	PCUSF0132FCZZ	AA	DA		C	Table glass cushion	テーブルガラス クッション
31	CPLTM2195FC31	AZ	GE	N	E	Glass hold plate R unit	ガラスシジイタ R ユニット
32	PGLSP0050FCZZ	BA	GG	N	B	Table glass	テーブルガラス
33	CPLTM2194FC31	AZ	GE	N	E	Glass hold plate F unit	ガラスシジイタ F ユニット
34	CRALM0047FC01	AN	EL	N	C	MB-B rail	MB-Bレール
35	LX-BZ0339FCZZ	AA	DA	N	C	Screw	ビス
36	LDAiU0200FCZZ	AS	FF		C	Document tray	ゲンコウオキダイ
37	LX-BZ0153FCZZ	AD	DH		C	Screw	ビス
38	GCAB-0526FCZZ	AN	EK	N	D	Upper exterior S	ウエキャビ S
39	LX-BZ0255FCZZ	AD	DF		C	Screw	ビス
40	CHNG-0076FC31	BB	GL		E	Original cover hinge unit	OCヒンジ ユニット
41	TLABH1669FCZZ	AH	DW	N	C	Operation label (Japan)	ソウサセツメイ ラベル
	TLABH1670FCZZ	AH	DW	N	C	Operation label (U.Kingdom・Australia)	ソウサセツメイ ラベル
	TLABH1671FCZZ	AH	DW	N	C	Operation label (E,F,G,S)	ソウサセツメイ ラベル
	TLABH1672FCZZ	AH	DW	N	C	Operation label (Germany)	ソウサセツメイ ラベル
	TLABH1673FCZZ	AH	DW	N	C	Operation label (France)	ソウサセツメイ ラベル
	TLABH1674FCZZ	AH	DW	N	C	Operation label (Spain)	ソウサセツメイ ラベル
	TLABH1684FCZZ	AH	DW	N	C	Operation label (Itary)	ソウサセツメイ ラベル

2 操作・オリジナルテーブル部(Operation・Original table section)

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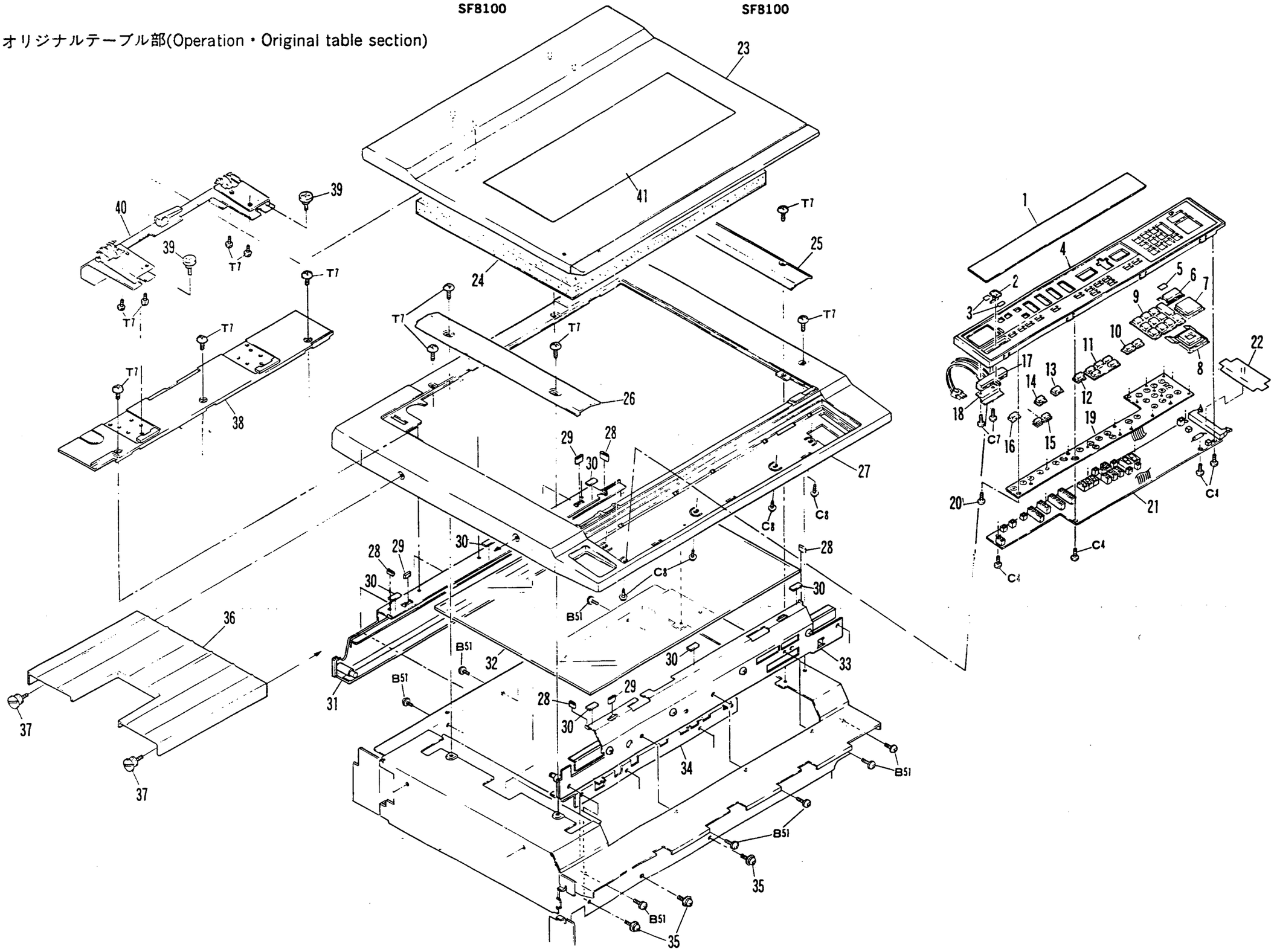

3 上フレーム部(Upper frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
	TLABZ1285FCZZ	AA	DA		C	EX set label (Japan)	B2 EX セットラベル
1	TLABH1293FCZZ	AA	DA		C	EX set label (USA,U.Kingdom・Australia)	EX セットラベル
	TLABH1301FCZZ	AA	DA		C	EX set label (E,F,G,S)	EX セットラベル
2	PCOVP0690FCZZ	AH	DX	N	C	Door switch cover	ドアースイッチカバーB4
3	CPWBF0559FC51	AQ	EU	N	E	CL-R switch PWB	CL-Rスイッチキバン
4	PCOVH0544FCZZ	AB	DB		C	Counter cover	B2 カウンターカバー
5	CPLTM1503FC01	AK	DZ		C	Balancer angle F	バランサ アングル F
6	LPLTM1622FCZZ	AD	DG		C	DV (F) plate D	DV F イタ D
7	MSPRC0826FCZZ	AA	DA		C	DV (F) spring	DV Fヨウ スプリング
8	NSFTZ0611FCZZ	AC	DD		C	DV (F) shaft B	DV Fヨウ ジク B
9	CPLTM2183FC01	AL	EC	N	C	DV (F) plate B	DV Fバン B
10	NSFTZ0613FCZZ	AD	DG		C	DV (F) shaft	DV Fヨウ ジク B2
11	LPLTM2247FCZZ	AC	DE	N	C	DV (F) plate A	DV Fバン A
12	MSPRP0887FCZZ	AC	DD		C	DV (F) spring B	DV Fヨウ バネ B
13	MLEVF0386FCZZ	AG	DS	N	C	Lever	ホンタイ カイヘイ レバー
14	PCOVP0699FCZZ	AE	DJ	N	C	Lamp Cover	ランプカバー
	TCAUA0528FCZZ	AA	DA		C	HV caution label (Japan)	コウアツチュウイ ラベル
15	TCAUH0683FCZZ	AA	DA		C	HV caution label (USA,U,Kingdom,Australia)	コウアツチュウイ ラベル
	TLABZ0588FCZZ	AA	DA		C	HV caution label (E,F,G,S)	コウアツチュウイ ラベル
16	LBSHC0166FCZZ	AB	DC		C	Bushing D (L=140)	ブッシング D
17	LHLDW0734FCZZ	AA	DA		C	Wire holder	ワイヤーホルダー
18	CFRM-0396FC01	BD	GU	N	C	Front frame	マエフレーム
19	PMAGT0033FCZZ	AD	DF		B	Magnet catch	B2 MG キャッチ
20	LANGT1168FCZZ	AC	DE	N	C	Angle	カゼムキイタ アングル
21	PSHEP1059FCZZ	AB	DB		C	DV (F) sheet	DV Fヨウ マイラー
22	CPLTM2220FC01	AK	DY	N	C	Frame hole plate	シジバン
23	PSPAZ0342FCZZ	AA	DA	N	C	Door switch spacer	ドアスイッチ スペーサー
24	QSW-M0286FCZZ	AH	DU	N	B	Microswitch (DSW)	マイクロスイッチ
25	LBSHC0133FCZZ	AA	DA		C	Bushing (L58)	ブッシング
26	CPLTM2205FC01	AM	ED	N	C	Dark box hold plate F	アンハコシジバン F
27	LPLTM2215FCZZ	AU	FK	N	C	Frame joint plate B	フレームレンケツイタ B
28	CPLTM1612FC03	AP	EM	N	C	Sheet fitting plate L	シロマイラーハリツケイタ L
29	NSFTZ0824FCZZ	AR	EW	N	C	Lock shaft	ロックジク
30	MLEVF0374FCZZ	AC	DE	N	C	Lock lever	ロックレバー
⚠	CPLTM2217FC51	BB	GL	N	E	Delivery joint plate unit (Japan)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC52	BB	GL	N	E	Delivery joint plate unit (110V/60Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC53	BB	GL	N	E	Delivery joint plate unit (110V/50Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC54	BB	GL	N	E	Delivery joint plate unit (120V/60Hz)‥Except USA	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC55	BB	GL	N	E	Delivery joint plate unit (127V/60Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC56	BB	GL	N	E	Delivery joint plate unit (200V/60Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC57	BB	GL	N	E	Delivery joint plate unit (220V/50Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC58	BB	GL	N	E	Delivery joint plate unit (220V/60Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC59	BB	GL	N	E	Delivery joint plate unit (240V/50Hz)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC60	BB	GL	N	E	Delivery joint plate unit (120V/60Hz)‥USA	ハイシレンケツイタ ユニット
31							
32	MSPRT1098FCZZ	AB	DB	N	C	Spring	ホンタイカイヘイ スプリング
33	NPLYZ0130FCZZ	AK	DZ	N	C	Winder pulley	マキトリプーリー
34	LX-BZ0351FCZZ	AB	DB	N	C	Screw	ビス
35	LPFTF0026FCZZ	AG	DR	N	C	Winder pulley flange	マキトリプーリーフランジ
36	NSFTZ0842FCZZ	AR	EW	N	C	Winder drive shaft	マキトリクドウジク
37	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウ ジクウケ
38	LPLTM2219FCZZ	AK	DZ	N	C	Frame joint B sub plate	フレームレンケツ B ホジョイタ
101	LPLTM2218FCZZ	AL	EC	N	C	Plate	フウリョウセイギョ イタ
102	PMLT-0580FCZZ	AA	DA	N	C	Cushion	フウリョウセイギョボウシンフォーム
⚠	CPWBF0535FC51	BH	HS	N	E	CL-regulator PWB (100V/50Hz)‥Japan	CL-R キバン
⚠	CPWBF0535FC52	BH	HS	N	E	CL-regulator PWB (100V/60Hz)‥Japan	CL-R キバン
⚠	CPWBF0535FC53	BH	HS	N	E	CL-regulator PWB (100V/50Hz)‥Export	CL-R キバン
⚠	CPWBF0535FC54	BH	HS	N	E	CL-regulator PWB (100V/60Hz)‥Export	CL-R キバン
⚠	CPWBF0535FC55	BH	HR	N	E	CL-regulator PWB (120V,127V)‥USA,CANADA	CL-R キバン
⚠	CPWBF0535FC56	BH	HR	N	E	CL-regulator PWB(200V series/50Hz)‥Australia,SEEG,U,Kingdom	CL-R キバン
⚠	CPWBF0535FC57	BH	HR	N	E	CL-regulator PWB (120V series/60Hz)	CL-R キバン
103							
104	LSUPP0033FCZZ	AA	DA	N	C	Supporter (PCB-6L)	サポター
105	LSUPP0041FCZZ	AA	DA	N	C	Supporter (PCB-6S)	サポター
106	LPLTM2214FCZZ	AN	EK	N	C	Frame joint plate A	フレームレンケツイタ A
107	LPLTM2289FCZZ	AN	EL	N	C	Joint plate A	レンケツバン A
108	PSHEP1592FCZZ	AD	DG	N	C	Sheet A	フウリヨウセイギョシート A B4
109	CPLTM2216FC01	AT	FF	N	C	Frame joint plate	フレームレンケツ イタ
110	CGiDH0813FC01	AM	EG	N	C	MC guide	MCガイド
⚠	CPWBF0543FC51	AW	FQ	N	E	BL PWB (AB series)	ブランクランプ キバン
111	CPWBF0544FC51	AW	FR	N	E	BL PWB (Inch series)	ブランクランプキバン
112	PSHEP1581FCZZ	AG	DR	N	C	Transport sheet	ハンソウトナーボウシンシート
113	QSW-M0271FCZZ	AN	EJ		B	Microswitch	マイクロスイッチ
114	MSPRT1106FCZZ	AA	DA	N	C	Transport roller spring 1	ハンソウジユウドウローラー スプリング1
115	NROLP0512FCZZ	AB	DB	N	C	Transport roller	ハンソウジユウドウ ローラー
116	CGiDH0799FC01	AQ	ER	N	C	Upper frame side paper guide	ウエフレームガワペーパーガイド
117	PSHEP1576FCZZ	AF	DQ	N	C	Paper guide sheet R	ウエ フレーム ペーパー ガイドシート R
118	PSHEP1575FCZZ	AF	DQ	N	C	Paper guide sheet F	ウエ フレーム ペーパー ガイドシート F
119	PSHEP1089FCZZ	AB	DC		C	DV sheet	DV ダイバンヨウホジョ シート

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3 上フレーム部(Upper frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
120	LDAiU0267FCZZ	AQ	EV	N	C	DV base	DV ダイバン
121	JHNDM0052FCZZ	AG	DS		C	DV base plate handle	DV ダイバント ヒ
122	PSHEP1068FCZZ	AB	DB		C	DV guide sheet B	DV ガイド マイラー B
123	PSHEP1067FCZZ	AB	DB		C	DV guide sheet A	DV ガイド マイラー A
124	CRALM0030FC31	AY	GA		C	DV guide rail A unit	DV ガイドレール A ユニット
⚠	RMOTD0396FCZZ	BR	MT	N	B	Main motor (100V/50Hz)	メインモーター
⚠	RMOTD0397FCZZ	BR	MT	N	B	Main motor (100V/60Hz)	メインモーター
⚠	RMOTD0398FCZZ	BR	MT	N	B	Main motor (120V/60Hz)	メインモーター
⚠	RMOTD0399FCZZ	BR	MT	N	B	Main motor (220V/50Hz)	メインモーター
⚠	RMOTD0400FCZZ	BR	MT	N	B	Main motor (240V/50Hz)	メインモーター
⚠	RMOTD0401FCZZ	BR	MT	N	B	Main motor (110V/50Hz)	メインモーター
⚠	RMOTD0402FCZZ	BR	MT	N	B	Main motor (220V/60Hz)	メインモーター
⚠	RMOTD0403FCZZ	BR	MT	N	B	Main motor (200V/50Hz)	メインモーター
⚠	RMOTD0404FCZZ	BR	MT	N	B	Main motor (127V/60Hz)	メインモーター
⚠	RMOTD0419FCZZ	BR	MT	N	B	Main motor (110V/60Hz)	メインモーター
125							
126	CFRM-0397FC01	BC	GT	N	C	Rear frame upper	ウシロフレーム ウエ
127	CREFL0109FC51	AZ	GE	N	E	DCL reflector unit	DCLレフレクター ユニット
128	CDAiU0243FC02	AL	EC	N	C	Dark box holder base R	アンハコシジダイ R
129	LPLTM2197FCZZ	AD	DF	N	C	HP fixing plate	HPトリツケバン
130	VHPGP1A22LC-1	AK	EA	N	B	Photo transistor	フォトトランジスター
131	PCUSF0164FCZZ	AA	DA	N	C	Mirror base A fixing cushion	ミラーベース A コテイクッション
132	NGERH0378FCZZ	AG	DU	N	C	MM drive gear (51T)	MMクドウギヤー
133	LX-BZ0194FCZZ	AB	DB		C	Screw	ビス
134	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウ ジクウケ
135	PHOG-2029SCZZ	AC	DE		C	Wire protect	ワイヤーホゴブク

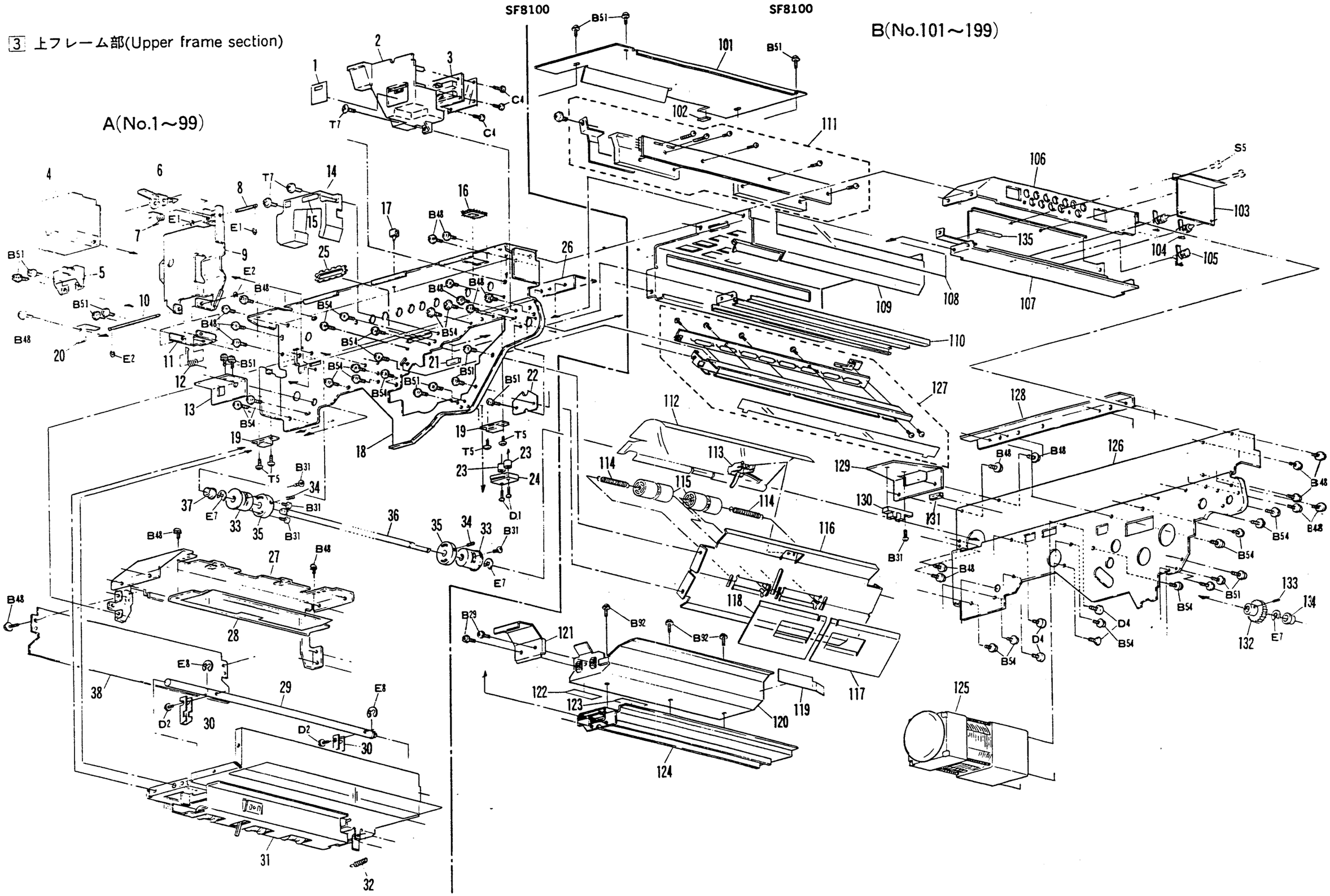
3 上フレーム部(Upper frame section)

SF8100

SF8100

A(No.1～99)

B(No.101～199)



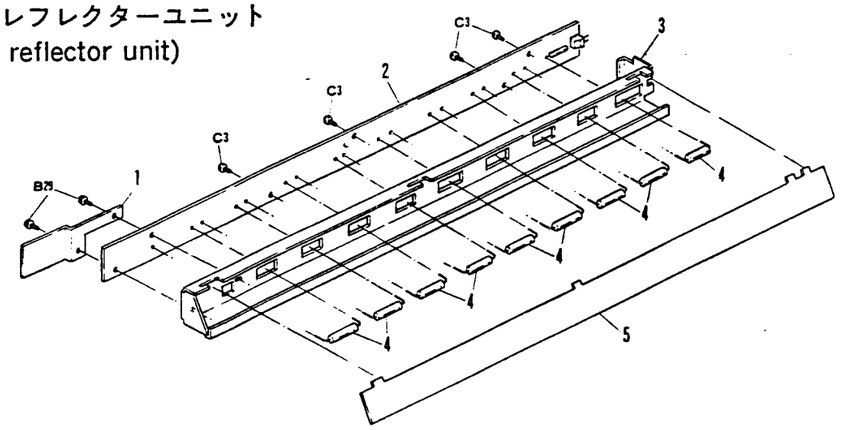
4 DCL レフレクターユニット(DCL reflector unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LPLTM2212FCZZ	AC	DE	N	C	DCL fixing plate	DCL トリツケイタ
2	CPWBF0545FC51	AR	EX	N	E	DL PWB	ジョデンランプキバン
3	PREFL0109FCZZ	AN	EH	N	C	DCL reflector	DCLレフレクター
4	RLMPP0320FCZZ	AE	DL		B	Lamp	ランプ
5	PFiLW0094FCZZ	AD	DH	N	B	DCL filter	DCLフィルタ
	ユニット (Unit)						
901	CREFL0109FC51	AZ	GE	N	E	DCL reflector unit	DCLレフレクター ユニット

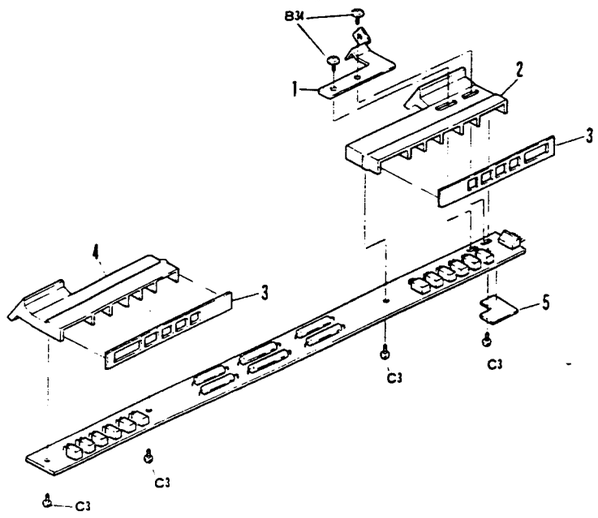
5 ブランクランプ基板ユニット(BL PWB unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LPLTM2210FCZZ	AD	DH	N	C	BCL adjusting plate	BCL チヨウセイイタ
2	LHLDZ0744FCZZ	AC	DE	N	C	BCL holder F (AB series)	BCL ホルダー F
	LHLDZ0743FCZZ	AC	DE	N	C	BCL holder F (Inch series)	BCL ホルダー F
3	PFiLW0092FCZZ	AC	DC	N	B	BCL filter (AB series)	BCL フィルター
	PFiLW0093FCZZ	AC	DC	N	B	BCL filter (Inch series)	BCL フィルター
4	LHLDZ0746FCZZ	AC	DE	N	C	BCL holder R (AB series)	BCL ホルダー R
	LHLDZ0745FCZZ	AC	DE	N	C	BCL holder R (Inch series)	BCL ホルダー R
5	PSHEP1582FCZZ	AA	DA	N	C	BCL insulator sheet	BCLヨウゼツエンシート

4 DCL レフレクターユニット (DCL reflector unit)



5 ブランクランプ基板ユニット(BL PWB unit)



6 光学ユニット(Optical section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LPLTM1604FCZZ	AE	DK		C	Control plate F,R	チョウコウバン F,R
2	LPLTM1605FCZZ	AD	DH		C	Control plate C	チョウコウバン C
⚠3	CFS-T0070FC31	AK	DY	N	A	Temperature fuse (Japan)	オンドヒューズ
⚠3	CFS-T0071FC31	AK	DY	N	A	Temperature fuse (Export)	オンドヒューズ
4	MSPRP1123FCZZ	AF	DQ	N	C	Lamp spring R	ランプバネ R
⚠5	RLMPU0321FCZZ	AZ	GF		B	Copy lamp (100V series)	コピー ランプ
⚠5	RLMPU0322FCZZ	AZ	GF		B	Copy lamp (200V series)	コピーランプ
6	MSPRP1122FCZZ	AF	DP	N	C	Lamp spring F	ランプバネ F
7	CPWBF0541FC31	AM	EE	N	E	Auto EX censor PWB	オートEX センサーキバン
8	LHLDZ0742FCZZ	AM	ED	N	C	Sensor holder	センサーホルダー
9	DHAi-1150FCZZ	AR	EW	N	C	CL harness	CLハーネス
10	LHLDW0497FCZZ	AB	DB		C	Heater harness holder	ヒーターハーネスオサエホルダー
11	PGiDH0817FCZZ	AE	DK	N	C	CL harness guide	CLハーネスガイドイタ
12	PGiDH0811FCZZ	AF	DN	N	C	CL harness guide S	CLハーネスガイド S
13	PGiDH0816FCZZ	AC	DE	N	C	CL harness guide A	CLハーネスガイド A
14	LX-BZ0339FCZZ	AA	DA	N	C	Screw	ビス
15	CSLi-0057FC32	AF	DP	N	C	Slider (4pcs/set)	スベリ ザイ
16	LFiX-0256FCZZ	AC	DD	N	C	1st mirror fixing plate	ダイ1ミラーオサエ
17	LPLTM2208FCZZ	AF	DN	N	C	HP fixing plate	HPトリツケバン
18	PMiR-0041FCZZ	AR	FA		B	1st mirror	1ST ミラー
21	LPLTM2196FCZZ	AB	DC	N	C	Wire fixing plate	ワイヤーコテイバン
22	MSPRP1174FCZZ	AC	DC	N	C	MB-A fixing spring	MB-A オサエスプリング
23	DHAi-1185FCZZ	AX	FW	N	C	CL lead harness	CLリードハーネス
25	PMiR-0048FCZZ	AU	FK	N	B	2nd mirror	ダイ2ミラー
26	LFiX-0254FCZZ	AC	DD	N	C	2nd,3rd mirror fixing plate F	2,3NDミラーオサエ F
27	LFiX-0255FCZZ	AC	DC	N	C	2nd,3rd mirror fixing plate R	2,3NDミラーオサエ R
28	PMiR-0049FCZZ	AV	FL	N	B	3nd mirror	ダイ3ミラー
29	NPLYZ0129FCZZ	AD	DF	N	C	Pulley small	プーリー ショウ
30	LX-BZ0339FCZZ	AA	DA	N	C	Screw	ビス
31	CSLi-0057FC32	AF	DP	N	C	Slider (4pcs/set)	スベリ ザイ
32	CDAiU0260FC01	BA	GG	N	E	Mirror base	ミラーベース
34	LX-BZ0130FCZZ	AA	DA		C	Screw	ビス
35	NPLYZ0128FCZZ	AE	DH	N	C	Pulley large	プーリー ダイ
36	LANGT1171FCZZ	AC	DE	N	C	Tension angle R	テンション アングル R
37	CPLTM2195FC31	AZ	GE	N	E	Glass hold plate R unit	ガラスシジイタ R ユニット
38	PWiR-0103FCZZ	AR	EX	N	C	MB wire	MB ワイヤー
39	LANGT1173FCZZ	AC	DE	N	C	Tension spring angle R	テンションスプリングアングル R
40	NPLYZ0129FCZZ	AD	DF	N	C	Pulley small	プーリー ショウ
41	LANGT1172FCZZ	AC	DE	N	C	Tension spring angle F	テンションスプリングアングル F
42	CPLTM2194FC31	AZ	GE	N	E	Glass hold plate F unit	ガラスシジイタ F ユニット
43	LANGT1170FCZZ	AC	DE	N	C	Tension angle F	テンション アングル F
44	LFRM-0406FCZZ	AQ	ES	N	C	Side plate F	ソクバン F
45	LFRM-0407FCZZ	AS	FA	N	C	Side plate R	ソクバン R
46	LPLTM2250FCZZ	AD	DF	N	C	Plate	プレート
47	PREFL0106FCZZ	BA	GH	N	C	Reflector	レフレクター
48	PMLT-0583FCZZ	AB	DC	N	C	MB-A cushion R	MB-A モルト R
49	PMLT-0584FCZZ	AB	DC	N	C	MB-A cushion F	MB-A モルト F
⚠	CREFL0106FC31	BR	MV	N	E	Copy lamp unit (100V series)	コピーランプ ユニット
⚠501	CREFL0106FC32	BR	MV	N	E	Copy lamp unit (200V series)	コピーランプユニット
⚠	CREFL0106FC33	BR	MV	N	E	Copy lamp unit (Japan)	コピーランプユニット
502	CDAiU0260FC31	BK	HX	N	E	Mirror base unit	ミラーベース ユニット

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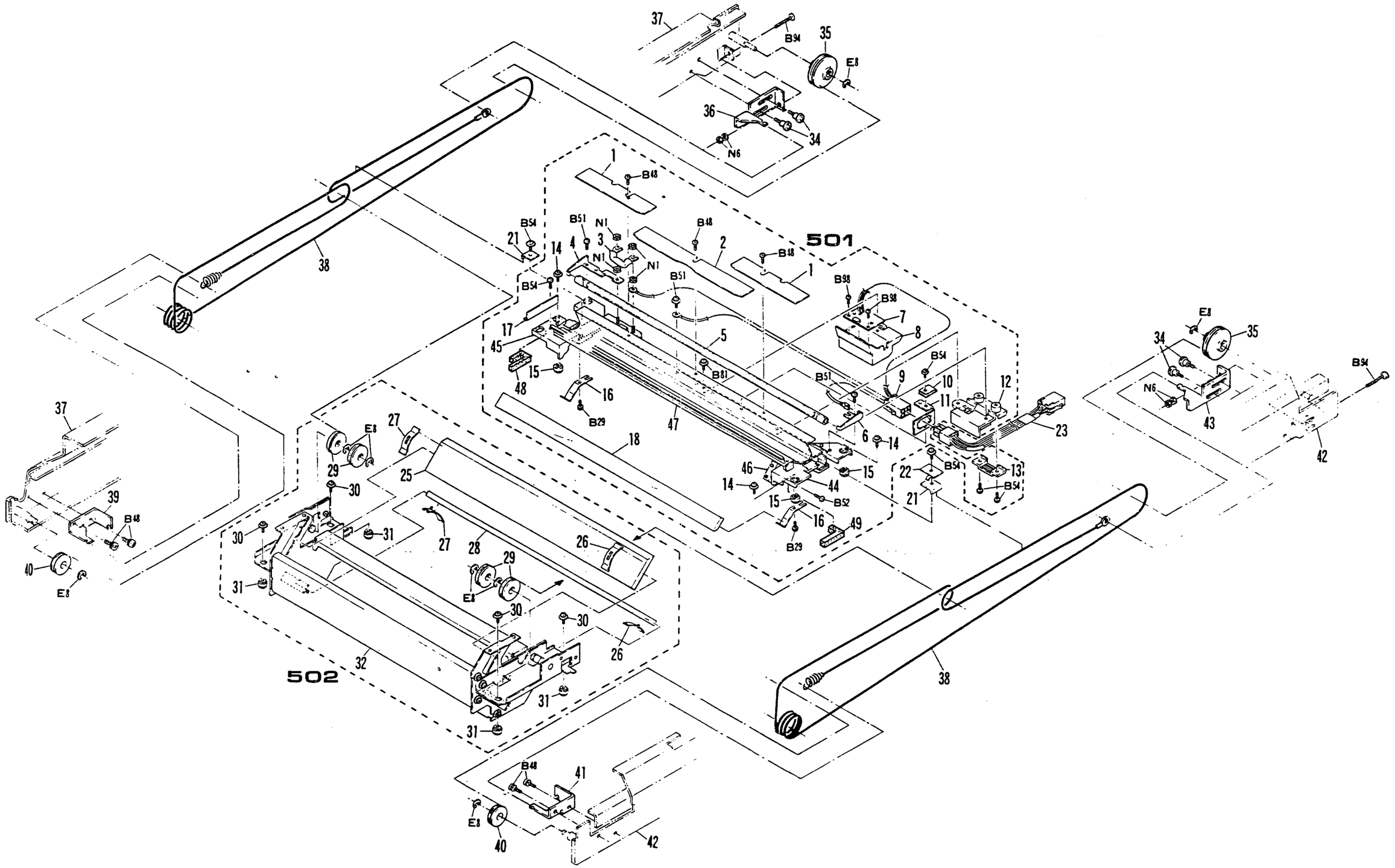
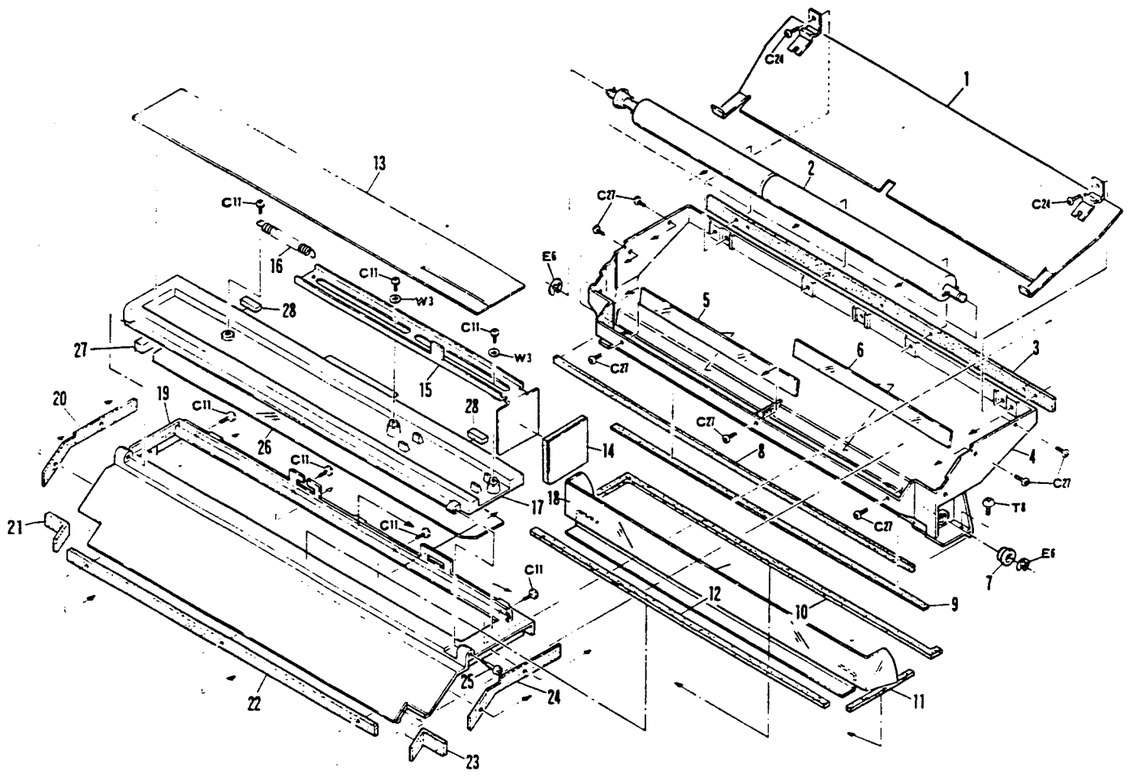
6 光学ユニット(Optical section)



7 トナーホッパーユニット(Toner hopper unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CPLTM1541FC01	AQ	EU		C	Toner case plate	B2トナー シンドウイタ
2	CROLR0401FC01	AW	FP		C	Roller	トナー ホキュウローラー
3	PMLT-0410FCZZ	AC	DD		C	Tonercase cushion E	トナー ケースヨウ モルト E
4	PCASZ0106FCZZ	AN	EJ		C	Toner case	トナーケース B2
5	PSHEP1085FCZZ	AB	DB		C	Toner case sheet R	トナーケースヨウ マイラー R
6	PSHEP1084FCZZ	AB	DB		C	Toner case sheet F	トナーケースヨウ マイラーF
7	NBRGM5006BCZZ	AB	DB		B	Bearing D	ベアリング D
8	PMLT-0416FCZZ	AB	DB		C	Toner case cushion H	トナーケースヨウ モルト H
9	PSHEZ1027FCZZ	AC	DD		C	Toner case sheet	トナーケースヨウ スエード
10	PMLT-0444FCZZ	AB	DB		C	Toner case cushion K	トナーケースヨウ モルト K
11	PMLT-0442FCZZ	AA	DA		C	Toner case cushion I	トナー ケースヨウ モルト I
12	PMLT-0443FCZZ	AB	DB		C	Toner case cushion J	トナーケースヨウ モルト J
13	PCOVH0555FCZZ	AE	DK		C	T label guide cover	T ラベルヨウ ガイドカバー
14	PMLT-0439FCZZ	AB	DC		C	Toner display cushion (Black)	トナー ヒョウジモルト
	PMLT-0440FCZZ	AB	DC		C	Toner display cushion (Red)(Option)	トナーヒョウジモルト
	PMLT-0441FCZZ	AB	DC		C	Toner display cushion (Blue)(Option)	トナーヒョウジモルト
15	PGIDH0635FCZZ	AE	DJ		C	T label guide	T ラベルガイド
16	MSPRT0858FCZZ	AC	DD		C	T label guide spring	T ラベルガイドスプリング
17	PFTA-0046FCZZ	AL	EC		C	Toner case cover	トナーケース フタ B2
18	PGIDH0855FCZZ	AK	DY	N	C	Toner guide AN	トナーガイドAN
19	PCASZ0112FCZ1	AK	DY		C	Toner case B	トナーケース B
20	PMLT-0406FCZZ	AB	DB		C	Toner case cushion B	トナーケースヨウ モルト B
21	PMLT-0409FCZZ	AA	DA		C	Toner case cushion D	トナーケースヨウ モルト D
22	PMLT-0413FCZZ	AC	DC		C	Toner case cushion F	トナーケースヨウ モルト F
23	PMLT-0408FCZZ	AA	DA		C	Toner case cushion C	トナーケースヨウ モルト C
24	PMLT-0405FCZZ	AB	DB		C	Toner case cushion A	トナーケースヨウ モルト A
25	LX-BZ0253FCZZ	AB	DB		C	Screw	ビス
26	PGIDH0856FCZZ	AE	DK	N	C	Toner guide BN	トナーガイド BN
27	PMLT-0581FCZZ	AA	DA	N	C	Toner case cover cushion	トナーケースフタ ヨウ モルト
28	PGUMS0142FCZZ	AA	DA	N	C	Toner case cover rubber	トナーケースフタ ヨウ ゴム
	ユニット (Unit)						
901	CCASZ0106FC59	BG	HL	N	E	Toner hopper unit	トナーホッパーユニット



8 後フレーム部(Rear frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CFRM-0397FC01	BC	GT	N	C	Rear frame upper	ウシロフレーム ウエ
2	LDAiU0262FCZZ	AK	DZ	N	C	OC fixing base	OCトリツケダイ
3	LPLTM2257FCZZ	AE	DJ	N	C	MM CL-R fixing plate B	MMCL-Rトリツケイタ B
4	LSUPP0033FCZZ	AA	DA	N	C	Supporter (PCB-6L)	サポター
5	CPWBN0538FC31	BR	MT	N	E	Mirror motor PWB	ミラーモーター キバン
6	LANGT1169FCZZ	AB	DC	N	C	MM PWB support angle	MMキバンサポート アングル
⚠7	CPWBF0536FC31	BN	LS	N	E	DC power supply PWB (100V series)	DCデンゲン キバン
⚠7	CPWBF0536FC32	BN	LT	N	E	DC power supply PWB (200V series)	DCデンゲン キバン
8	LPLTM2211FCZZ	AL	EC	N	C	DC PS PWB fixing plate	DCデンゲントリツケイタ
9	LBSHZ2029SCZZ	AB	DD		C	Bushing	ブッシング
10	RTRNZ0355FCZZ	BC	GR	N	B	MC transformer (HVC-3MC64)	MCトランス B4
11	LSUPP0018FCZZ	AE	DL		C	PWB support (22N)	キバンサポト
12	LANGT1175FCZZ	AC	DE	N	C	Main PWB angle H	M PWBシテンアングル H
13	LPLTM2262FCZZ	AK	DZ	N	C	Main PWB fixing plate	メインキバントリツケイタ
14	LSUPP0031FCZZ	AA	DA		C	PWB supporter (3L)	キバンサポーター
15	LSUPP0030FCZZ	AA	DA		C	PWB supporter (3S)	キバンサポーター
16	PCOVW0700FCZZ	AD	DF	N	C	Main PWB battery cover	メインキバンバッテリーカバー
17	CPWBN0532FC51	CA	TZ	N	E	Main PWB	メインキバン
18	LX-NZ0049FCZZ	AA	DA		C	Nut	ナット
19	CANGT1174FC31	AH	DW	N	C	Main PWB angle P	M PWBシテンアングル P
20	CPLTM2220FC01	AK	DY	N	C	Frame hold plate	シジバン
21	LBNDJ0011FCZZ	AB	DA		C	Wire band (HP-5N)	ナイロン クランプ
101	RMOTP0405FCZZ	BP	MC	N	B	Mirror motor	ミラーモーターB4
102	LPLTM2213FCZZ	AK	DY	N	C	Mirror motor fixing plate	ミラーモータートリツケイタ
103	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウ ジクウケ
104	NGERH0378FCZZ	AG	DU	N	C	MM drive gear (51T)	MMクドウギヤー
105	NSFTZ0842FCZZ	AR	EW	N	C	Winder drive shaft	マキトリクドウジク
106	LANGT1168FCZZ	AC	DE	N	C	Angle	カゼムキイタ アングル
107	CPLTM1503FC03	AH	DX	N	C	Balancer angle R	バランサアングル R
108	MSPRC1097FCZZ	AW	FS	N	C	Blancer spring	バランサー
109	CFRM-0400FC31	BP	MA	N	E	Drive frame unit	クドウフレーム ユニット
110	PRNGP0041FCZZ	AB	DB		C	Crip ring	クリップリング
111	NPLYZ0112FCZZ	AC	DD		C	DV drive pulley A (22T)	DV クドウプーリ A
112	LSTPT0039FCZZ	AC	DD		C	Stopper	スプロケットヨウストッパー
113	NGERH0374FCZZ	AB	DC	N	C	MM gear (30T)	MMギヤ
⚠114	RMOTD0396FCZZ	BR	MT	N	B	Main motor (100V/50Hz)	メインモーター
⚠114	RMOTD0397FCZZ	BR	MT	N	B	Main motor (100V/60Hz)	メインモーター
⚠114	RMOTD0398FCZZ	BR	MT	N	B	Main motor (120V/60Hz)	メインモーター
⚠114	RMOTD0399FCZZ	BR	MT	N	B	Main motor (220V/50Hz)	メインモーター
⚠114	RMOTD0400FCZZ	BR	MT	N	B	Main motor (240V/50Hz)	メインモーター
⚠114	RMOTD0401FCZZ	BR	MT	N	B	Main motor (110V/50Hz)	メインモーター
⚠114	RMOTD0402FCZZ	BR	MT	N	B	Main motor (220V/60Hz)	メインモーター
⚠114	RMOTD0403FCZZ	BR	MT	N	B	Main motor (200V/50Hz)	メインモーター
⚠114	RMOTD0404FCZZ	BR	MT	N	B	Main motor (127V/60Hz)	メインモーター
⚠114	RMOTD0419FCZZ	BR	MT	N	B	Main motor (110V/60Hz)	メインモーター
115	CGERH0216FC02	AG	DT	N	C	Gear (44T)	ギアー
116	LX-WZ0017FCZZ	AA	DA		C	Washer	ワッシャ
117	MSPRT1102FCZZ	AA	DA	N	C	Toner joint spring	トナーレンケツ スプリング
118	CGERH0271FC01	AF	DN		C	Gear (32T)	ギヤー
119	CHLDZ0739FC01	AG	DS	N	C	Fusing joint holder	テイチャクレンケツ ホルダー
120	NPLYZ0127FCZZ	AE	DJ	N	C	XL24 pulley	XL24プーリー
121	CPLTM2224FC01	AH	DX	N	C	Tension plate	テンションプレート
122	LANGT1280HCZZ	AA	DA		C	Sheet fixing angle	シートオサエアングル
123	LX-WZ0079FCZZ	AC	DE		C	Washer	ワッシャ
124	NGERH0380FCZZ	AG	DT	N	C	MM drive gear (29T)	MMクドウギアー

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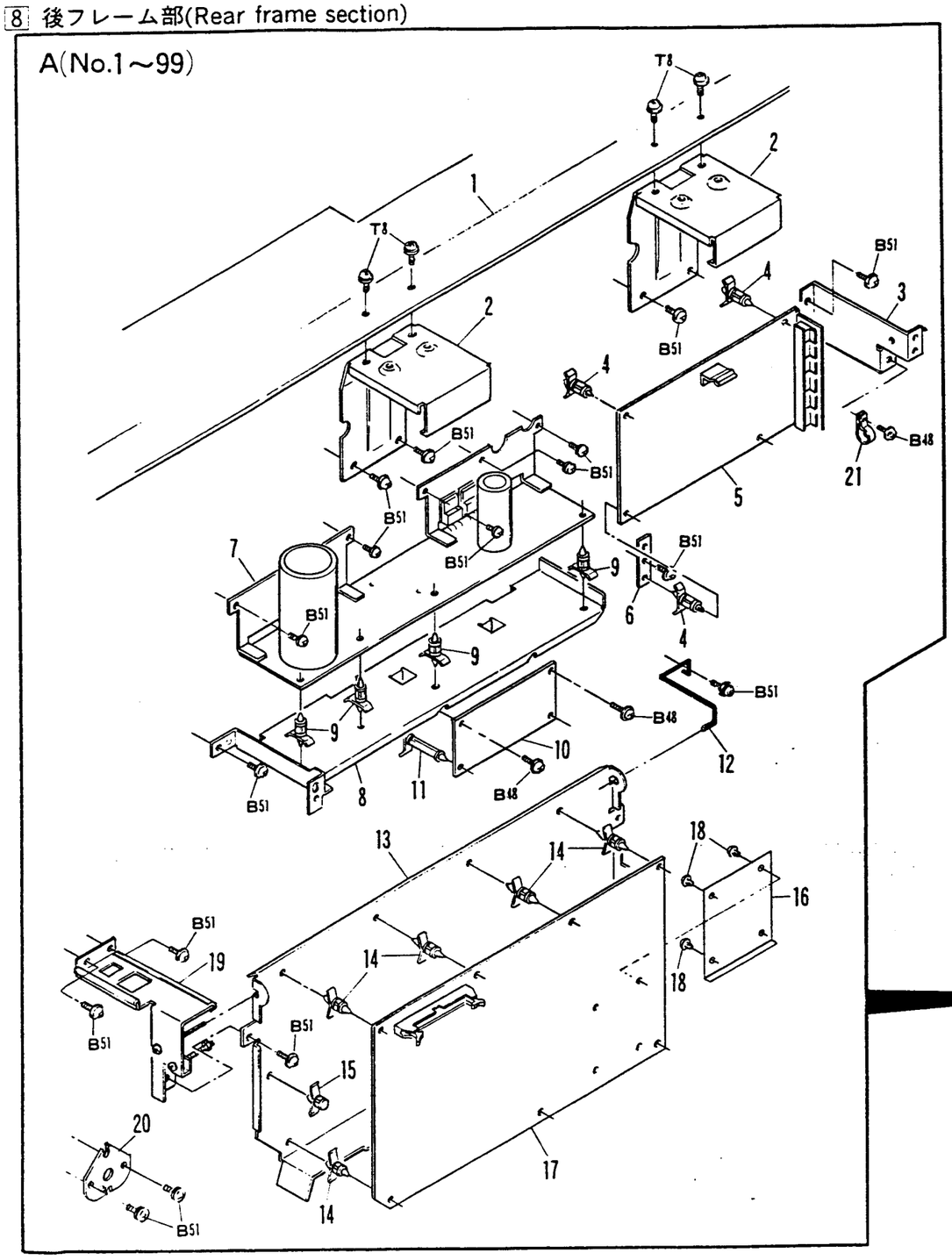
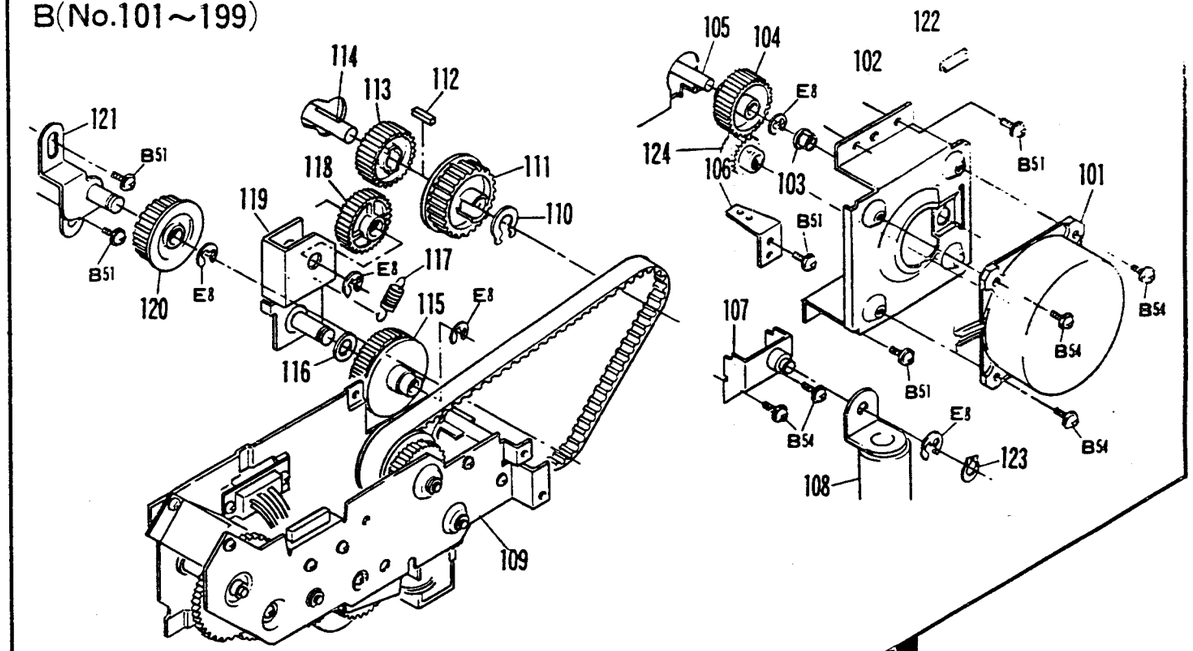
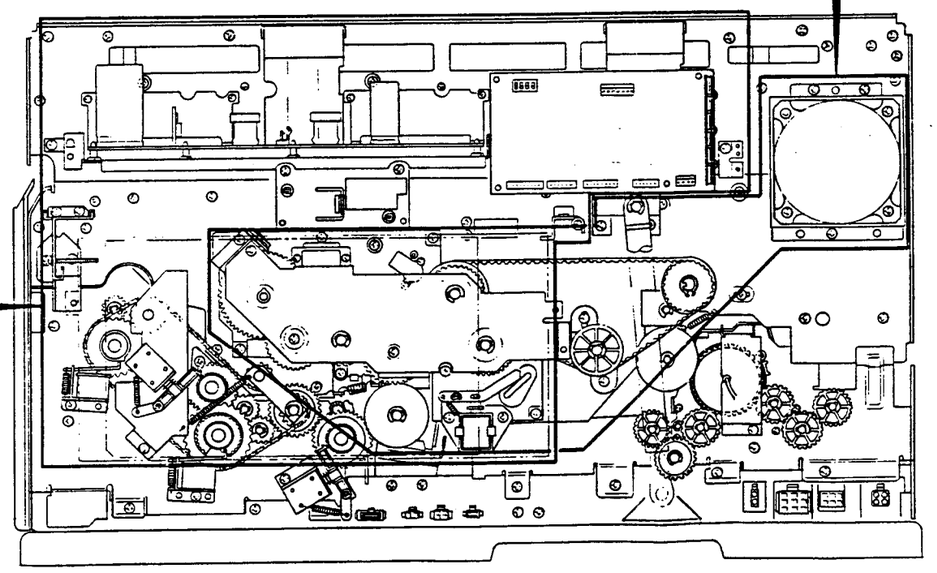
8 後フレーム部(Rear frame section)

A(No.1～99)



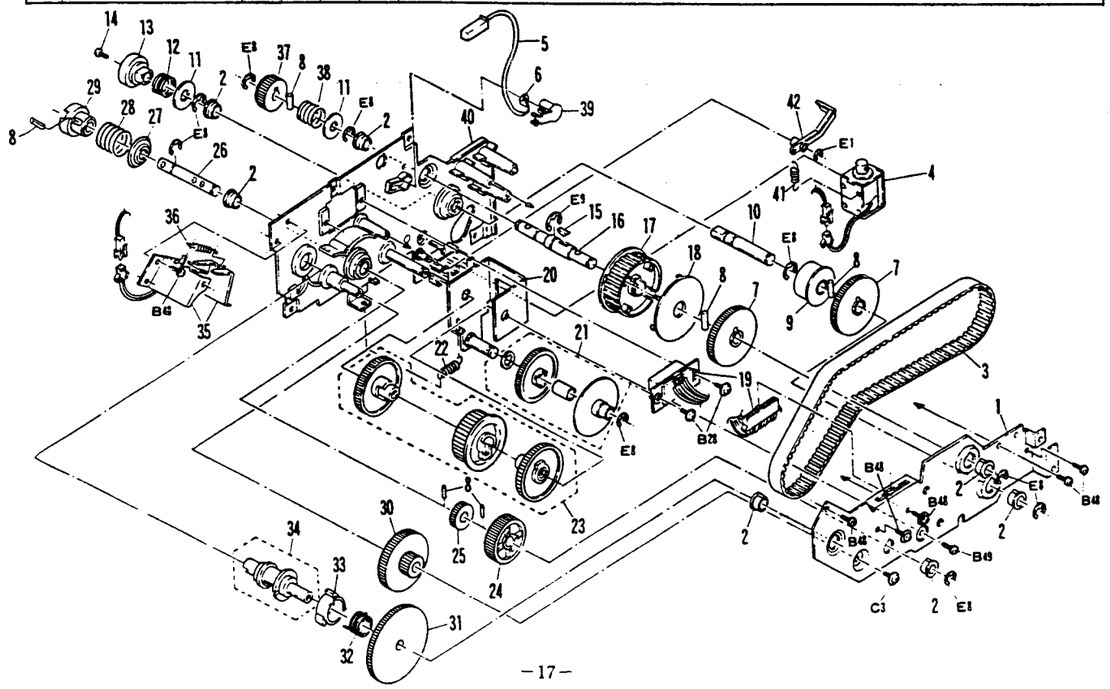
B(No.101～199)





9 駆動ユニット(Drive unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LFRM-0401FCZZ	AK	DY	N	C	Drive frame U	クドウフレーム U
2	NBRGC0167FCZZ	AB	DC		C	PF bearing N	PF ジクウケ N
3	NBLTH0070FCZZ	AL	EC	N	B	Main drive belt	メインクドウベルト
4	RPLU-0112FCZZ	AN	EL	N	B	Separator solenoid	ハクリ ソレノイド
5	DHAi-1219FCZZ	AF	DM	N	C	MC HT harness	MC コウアツ ハーネス
6	QSLPA0082FCZZ	AB	DB	N	C	MC electrode	MC デンキョク
7	NGERH0370FCZZ	AD	DG	N	C	Gear (45T)	ギヤー
8	LPiNS0024FCZZ	AB	DB		C	Pin B	ヘイコウピン B
9	CCLR-0254FC01	AE	DL	N	C	Pulley colar	プーリーカラー
10	NSFTZ0828FCZZ	AG	DS	N	C	CL drive shaft	CLクドウジク
11	LX-WZ0149FCZZ	AA	DA		C	Washer	ワッシャ
12	MSPRC0827FCZZ	AA	DA		C	CL clutch spring	CL クラッチスプリング
13	PCLC-0090FCZZ	AD	DF		B	CL joint clutch A	CLレンケツ クラッチ A
14	LX-BZ0245FCZZ	AB	DB		C	Screw	ビス
15	LSTPT0138FCZZ	AE	DL		C	Stopper	ハンゲツキー
16	NSFTZ0825FCZZ	AM	EF	N	C	DR drive shaft	DRクドウジク
17	NPLYZ0114FCZZ	AE	DH		C	31T pulley	30T プーリー
18	LPFTF0013FCZZ	AD	DF		C	Pulley flange	プーリーフランジ
19	DHAi-1149FCZZ	AS	FC	N	C	Drive unit harness	クドウユニットハーネス
20	CHLDZ0738FC01	AG	DR	N	C	PF joint holder	キュウシレンケツ ホルダー
21	CGERH0216FC02	AG	DT	N	C	Gear (44T)	ギヤー
22	MSPRT1100FCZZ	AA	DA	N	C	PF joint spring	キュウシレンケツバンスプリング
23	CPLYZ0127FC01	AM	EE	N	C	Joint pulley	レンケツプーリー
24	NGERH0049FCZZ	AD	DH		C	DV gear (36T)	DV ギヤー
25	NGERH0317FCZZ	AC	DE		C	DV gear (18T)	DV ギヤー
26	NSFTZ0831FCZZ	AH	DU	N	C	DV drive shaft	DV クドウジク
27	PSPAZ0095FCZZ	AB	DB		C	Clutch spacer	クラッチスペーサー
28	MSPRC0089FCZZ	AB	DD		C	Clutch presure spring	クラッチアッチャクスプリング
29	PCLC-0009FCZZ	AD	DH		B	Clutch B	デンドウ クラッチ B
30	CGERH0371FC01	AG	DR	N	C	TS idle gear	TS アイドルギヤー
31	NGERH0372FCZZ	AD	DG	N	C	TS gear (64T)	TSギヤー
32	MSPRC1099FCZZ	AE	DK	N	C	Clutch spring	クラッチスプリング
33	PPiPP0097FCZZ	AB	DC	N	C	Clutch sleeve	クラッチスリーブ
34	CSFTZ0829FC01	AG	DR	N	C	Toner drive shaft	トナークドウジク
35	RPLU-0111FCZZ	AP	EP	N	B	TSC solenoid	TSC ソレノイド
36	MSPRT1101FCZZ	AA	DA	N	C	TSC solenoid spring	TSC ソレノイドスプリング
37	NGERH0262FCZZ	AG	DS		C	DR drive gear (25T)	DR クドウギヤー
38	MSPRT0840FCZZ	AA	DA		C	DR drive spring	DRクドウヨウ スプリング
39	PCOVP0691FCZZ	AB	DB	N	C	MC electrode cover	MC デンキョクカバー
40	CFRM-0400FC01	AT	FF	N	C	Drive frame L	クドウフレーム L
41	MSPRT0660FCZZ	AB	DC		C	PF clutch spring	PF クラッチスプリング
42	PTME-0113FCZZ	AC	DE			Pawl	ツメカムラッチ
	ユニット (Unit)						
901	CFRM-0400FC31	BP	MA	N	E	Drive frame unit	クドウフレーム ユニット



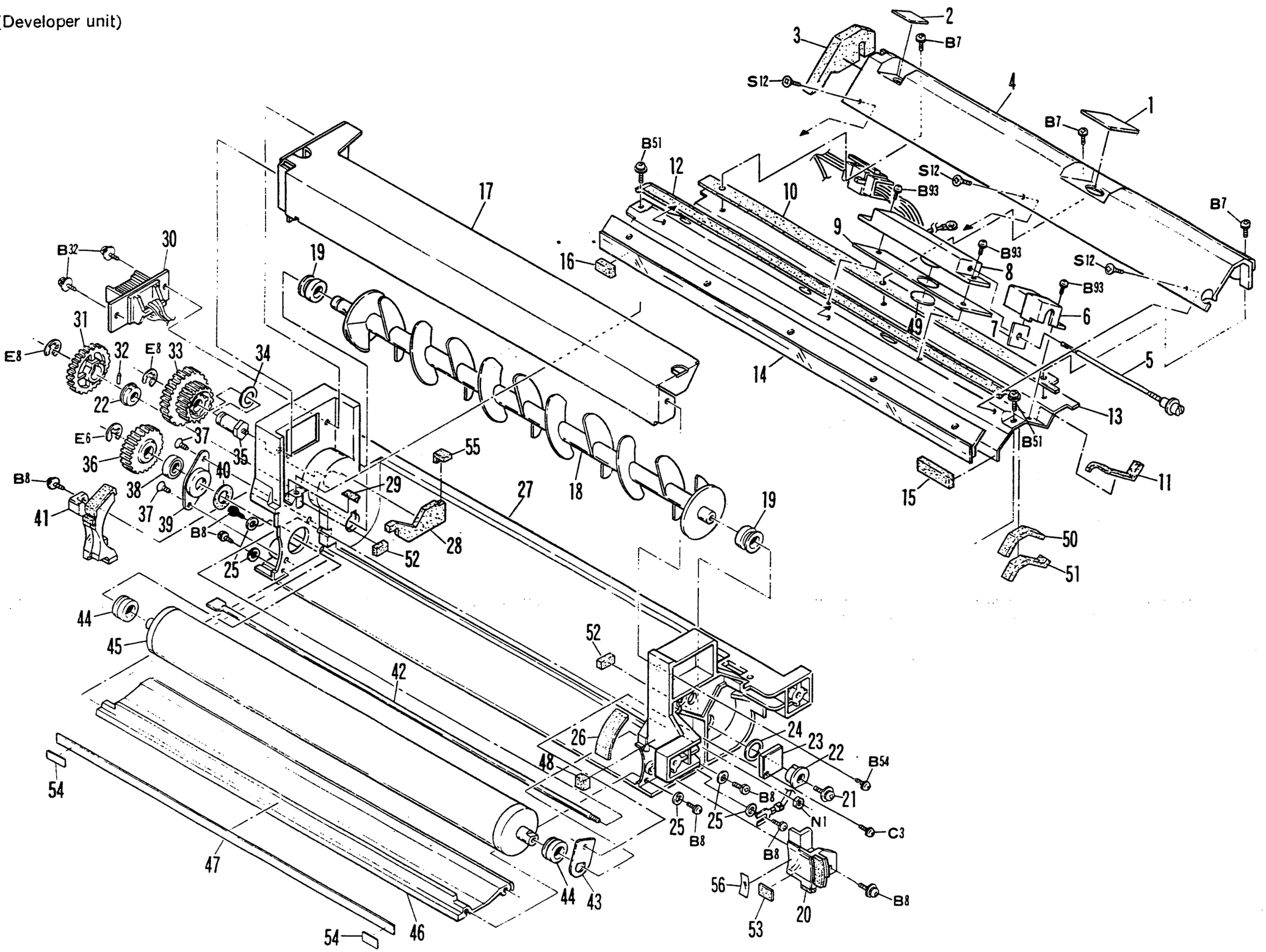
10 現像部(Developer unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PSEL-0083FCZZ	AB	DB		C	DV sensor seal B	DVセンサーヨウ シール B
2	TLABZ1324FCZZ	AA	DA		C	DV box display label (Black)	DVボックスヨウ カラーヒョウジラベル
	TLABZ1325FCZZ	AA	DA		C	DV box display label (Red)(Option)	DVボックスヨウ カラーヒョウジラベル
	TLABZ1326FCZZ	AA	DA		C	DV box display label (Blue)(Option)	DVボックスヨウ カラーヒョウジラベル
	TLABZ1327FCZZ	AA	DA		C	DV box display label (Brown)(Option)	DVボックスヨウ カラーヒョウジラベル
3	PSEL-0090FCZZ	AB	DB		C	DV cover seal A	DV カバーシール A
4	PCOVP0525FCZZ	AK	DY		C	DV cover B	DVカバー B B2
5	LX-BZ0247FCZZ	AC	DD		C	Screw	ビス
6	LPLTP2245FCZZ	AB	DB	N	C	DV adjusting plate	DVチョウセイバン
7	LX-NZ0058FCZZ	AB	DB		C	Nut	ナット
8	CDTCT0049FC51	AZ	GC	N	E	DV sensor unit	B4 DVセンサー ユニット
9	PSEL-0089FCZZ	AC	DD		C	ATC seal	ATC シール
10	PSEL-0091FCZZ	AB	DC		C	DV cover seal B	DV カバーシール B
11	PSEL-0093FCZZ	AA	DA		C	DV cover seal D	DV カバーシール D
12	PSEL-0092FCZZ	AB	DB		C	DV cover seal C	DV カバーシール C
13	CCOVP0696FC01	AW	FR	N	C	DV cover A	DVカバーA
14	CCLE-0058FC01	AS	FB	N	C	DV brade	DVブレード
15	PSEL-0173FCZZ	AA	DA	N	C	DV seal B	DVシール B4-B
16	PSEL-0174FCZZ	AA	DA	N	C	DV seal C	DVシール B4-C
17	JHNDP0049FCZZ	AR	EV		C	DV handle	DV ハンドル B2
18	NROLP0374FCZZ	AT	FF		C	Stirring roller	カクハンローラー B2
19	PRNGP0015FCZZ	AK	DY		C	V ring (6φ)	V リング
20	CSPAZ0229FC51	AK	DY		E	DV spacer F unit	DV スペーサー F ユニット
21	LX-BZ0187FCZZ	AA	DA		C	Screw (Left type)	ビス
22	NBRGC0136FCZZ	AC	DD		B	Toner box bearing	トナーボックスヨウベアリング
23	LFiX-0258FCZZ	AA	DA	N	C	Terminal fixing plate	タンシオサエイタ
24	LX-WZ0193FCZZ	AA	DA		C	DV washer	DV ワッシャ
25	LX-WZ0115FCZZ	AA	DA		C	Washer	MG コテイヨウワッシャ
26	PSEL-0095FCZZ	AA	DA		C	DV cover seal F	DV カバーシール F
27	CBOXZ0055FC01	AY	GB		C	DV box	DV BOX B2
28	PSEL-0075FCZZ	AB	DB		C	DV cover seal R	DV カバーシール R
29	PMLT-0401FCZZ	AA	DA		C	Spacer R cushion	スペーサー Rヨウ モルト
30	DHAi-1167FCZZ	AR	EY	N	C	DV unit harness (Black)	DVユニットハーネス
	DHAi-1167FC11	AR	EY	N	C	DV unit harness (Red)(Option)	DV ユニット ハーネス
	DHAi-1167FC12	AR	EY	N	C	DV unit harness (Brown)(Option)	DV ユニット ハーネス
	DHAi-1167FC13	AS	FB	N	C	DV unit harness (Blue)(Option)	DV ユニットハーネス
31	NGERH0254FCZZ	AC	DE		C	DV gear (36T)	B2 DV ギヤー
32	XXXSP30L10000	AB	DB		C	Screw (3×10)	ビス
33	CGERH0113FC01	AG	DQ		C	DV drive gear	DV クドウギヤー
34	LX-WZ0071FCZZ	AA	DA		C	Washer	ワッシャ
35	NSFTZ0871FCZZ	AE	DL	N	C	DV drive shaft	DV クドウジク
36	NGERH0253FCZZ	AC	DE		C	DV gear (31T)	B2 DV ギヤー
37	LX-BZ0119FCZZ	AB	DB		C	Screw	ビス
38	NBRGC0180FCZZ	AN	EG		C	Bearing	ベアリング
39	LHLDZ0479FCZZ	AB	DC		C	Magnet holder	MG ハウジング
40	PSEL-0087FCZZ	AA	DA		C	Sheet	ジクウケヨウシート
41	CSPAZ0230FC51	AG	DS		E	DV spacer R unit	DV スペーサー R ユニット
42	NSFTZ0630FCZZ	AG	DT		C	DV shaft	DV スクレイパジク
43	LPLTM1534FCZZ	AC	DD		C	MG adjust plate	MG チョウセイ イタ
44	PRNGP0013FCZZ	AK	DY		C	V ring (8φ)	V リング
45	NROLM0375FCZZ	BM	LG		C	MG roller	MG ローラー B2
46	CPLTM1533FC01	AY	FZ		C	DV doctor	DVドクター
47	PSHEP1112FCZZ	AB	DC		C	Doctor sub plate sheet	ドクター ホジョイタ シート
48	PSEL-0172FCZZ	AA	DA	N	C	DV seal A	DVシール B4-A
49	PSHEP0957FCZZ	AB	DB		C	Sheet	シート
50	PMLT-0578FCZZ	AA	DA	N	C	DV M2 cushion	DV M2 モルト
51	PSEL-0201FCZZ	AD	DG	N	C	DV B1 seal	DV B1 シール
52	PMLT-0577FCZZ	AA	DA	N	C	DV M1 cushion	DV M1 モルト
53	PSEL-0202FCZZ	AC	DE	N	C	DV B2 seal	DV B2 シール
54	PSHEP1675FCZZ	AA	DA	N	C	Doctor sub sheet	ドクターホジョマイラー
55	PMLT-0579FCZZ	AA	DA	N	C	DV M3 cushion	DV M3 モルト
56	PSHEZ1694FCZZ	AA	DA	N	C	DV sheet F	DVスエート F
	ユニット (Unit)						
901	CBOXZ0055FC58	BV	RV	N	E	DV unit (Black)	DVユニット

10 現像部(Developer unit)

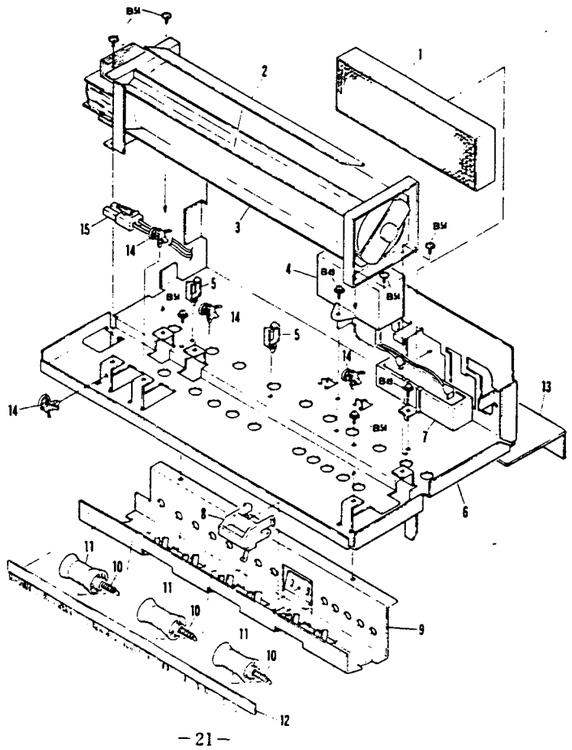
SF8100

SF8100



11 排紙連結板ユニット(Delivery joint plate unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PFiLZ0090FCZZ	AR	EX	N	B	Ozon filter upper	オゾンフィルター ウエ
2	PMLT-0566FCZZ	AD	DF	N	C	Cushion (Except USA)	フウリョウセイギョ モルト
⚠	RMOTE0390FCZZ	BF	HD	N	B	CFM (100V/60Hz)	クーリングファンモーター
⚠	RMOTE0391FCZZ	BF	HD	N	B	CFM (100V/50HZ)(110V/60Hz)	クーリングファンモーター
⚠	CMOTE0392FC01	BG	HJ	N	B	CFM (USA only)	クーリングファンモーター
⚠ 3	RMOTE0392FCZZ	BF	HD	N	B	CFM (100V/50HZ)(120V・127V/60Hz)	クーリングファンモーター
⚠	RMOTE0393FCZZ	BF	HD	N	B	CFM (200V/50Hz)(220V/60Hz)	クーリングファンモーター
⚠	RMOTE0394FCZZ	BF	HD	N	B	CFM (220V/50Hz)	クーリーグファン モーター
⚠	RMOTE0395FCZZ	BF	HD	N	B	CFM (240V/50Hz)	クーリングファンモーター
⚠	RC-FZ0266FCZZ	AP	EN	N	B	MMC capacitor (250V/12μF)(100V/50Hz)	MMCコンデンサー
⚠	RC-FZ0267FCZZ	AN	EK	N	B	MMC capacitor (250V/10μF)(100V・110V/60Hz)(110V/50Hz)	MMCコンデンサー
⚠	RC-FZ0268FCZZ	AN	EG	N	B	MMC capacitor (250V/8μF)(120V/60Hz)	MMCコンデンサー
⚠ 4	RC-FZ0269FCZZ	AS	FC	N	B	MMC capacitor (430V/35μF)(220V/50Hz)	MMCコンデンサー
⚠	RC-FZ0270FCZZ	AR	EW	N	B	MMC capacitor (500V/3μF)(220V/60Hz)(240V/50Hz)	MMCコンデンサー
⚠	RC-FZ0271FCZZ	AP	EN	N	B	MMC capacitor (250V/11μF)(200V/50Hz)(127V/60Hz)	MMCコンデンサー
5	LHLDW2047SCZZ	AA	DB		C	Wire holder (WS-1NS)	ワイヤーホルダー
6	LPLTM2217FCZZ	AV	FM	N	C	Delivery roller plate	ハイシレンケツイタ
⚠	CR-WZ0312FC01	AR	EX	N	B	Cement resistor (400Ω)(200V/50Hz)	セメント テイコウ
⚠	CR-WZ0313FC01	AR	EX	N	B	Cement resistor (490Ω)(220V/50Hz)‥SEEG	セメント テイコウ
⚠	CR-WZ0314FC01	AR	EX	N	B	Cement resistor (350Ω)(220V/60Hz)	セメント テイコウ
⚠ 7	CR-WZ0315FC01	AR	EX	N	B	Cement resistor (650Ω)(240V/50Hz)‥U,Kingdom,Australia)	セメント テイコウ
8	QSW-L0285FCZZ	AL	EC	N	B	Lead switch (MS3)	リードスイッチ
9	PCOVP0695FCZZ	AL	EC	N	C	Delivery cover	ハイシカバー
10	MSPRT1119FCZZ	AB	DB	N	C	Delivery roller upper spring	ハイシローラー ウエスプリング
11	NROLP0510FCZZ	AC	DD	N	C	Delivery roller upper	ハイシローラー ウエ
12	PBRSR0052FCZZ	AH	DW		B	Discharge brush	ジョデンブラシ
13	PSHEP1677FCZZ	AK	DY	N	C	Sheet N	フウリョウセイギョ マイラー N
⚠ 14	LBNDJ0020FCZZ	AA	DB		C	Wire fixing band	コード バンド
15	DHAi-1166FCZZ	AM	EE	N	C	Delivery unit harness	ハイシユニットハーネス
	ユニット (Unit)						
⚠	CPLTM2217FC51	BB	GL	N	E	Delivery joint plate unit (Japan)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC52	BB	GL	N	E	Delivery joint plate unit (110V/60HZ)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC53	BB	GL	N	E	Delivery joint plate unit (110V/50HZ)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC54	BB	GL	N	E	Delivery joint plate unit (120V/60HZ)‥Except USA	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC55	BB	GL	N	E	Delivery joint plate unit (127V/60HZ)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC56	BB	GL	N	E	Delivery joint plate unit (200V/60HZ)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC57	BB	GL	N	E	Delivery joint plate unit (220V/50HZ)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC58	BB	GL	N	E	Delivery joint plate unit (220V/60HZ)	ハイシレンケツイタ ユニット
⚠	CPLTM2217FC59	BB	GL	N	E	Delivery joint plate unit (240V/50HZ)	ハイシレンケツイタ ユニット
⚠ 901	CPLTM2217FC60	BB	GL	N	E	Delivery joint plate unit (120V/60HZ)‥USA	ハイシレンケツイタ ユニット



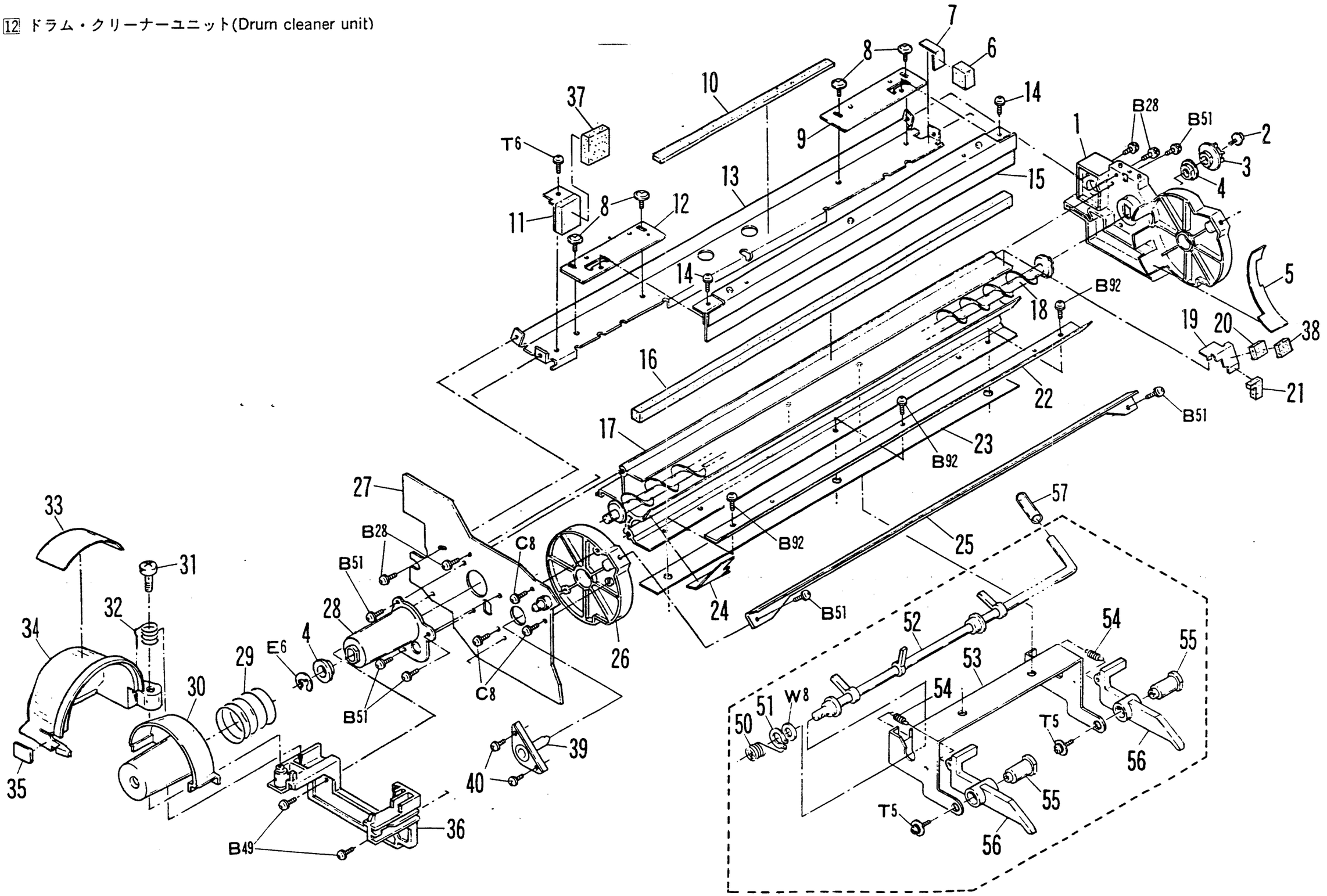
12 ドラム・クリーナーユニット(Drum cleaner unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LFRM-0405FCZZ	AG	DS	N	C	Drum frame R	ドラムフレーム R
2	LX-BZ0256FCZZ	AB	DB		C	Screw (Red Left type)	ビス
3	PCLC-0091FCZZ	AC	DC		C	CL joint clutch B	CL レンケツクラ ッチ B
4	NBRGC0173FCZZ	AE	DK		B	Cleaner shaft bearing	クリーナー ジクウケ
5	PSHEP1621FCZZ	AD	DF		C	CL sheet R	CL マイラー R
6	PMLT-0567FCZZ	AA	DA	N	C	CL cushion R1	CLモルト R1
7	LPLTM2188FCZZ	AB	DC	N	C	CL cushion R1 fixing plate	CLモルト R1 ハリツケイタ
8	LX-BZ0335FCZZ	AA	DA		C	Screw (Red)(4×6)	ビス
9	LPLTM2190FCZZ	AC	DE	N	C	Brade fixing plate R	ブレードトリツケイタ R
10	PMLT-0571FCZZ	AB	DC	N	C	CL cushion upper N	CL モルト ウエ N
11	CMLT-0563FC01	AC	DE	N	C	CL cushion F1	CLモルト F1
12	LPLTM2187FCZZ	AC	DE	N	C	Brade fixing plate	ブレードトリツケイタ
13	LPLTM2184FCZZ	AK	DY	N	C	Brade hold plate	ブレードシジイタ
14	LX-BZ0334FCZZ	AA	DA		C	Screw (Green)(4×8)	ビス
15	UCLEZ0069FCZZ	AX	FU	N	B	Cleaner brade	クリーニングブレード
16	PMLT-0564FCZZ	AB	DC	N	C	CL cushion upper	CLモルト ウエ
17	CSRA-0018FC01	AT	FG	N	C	Toner holder	トナーウケB4
18	NROLP0377FCZZ	AT	FH		C	Toner transportation roller	トナー ハンソウローラー
19	LPLTM1674FCZZ	AC	DE		C	CL cushion fixing plate R	CL モルト トリツケイタ R
20	PMLT-0436FCZZ	AA	DA		C	CL cushion R2	CL モルト R2
21	PMLT-0572FCZZ	AA	DA	N	C	CL cushion R3	CL モルト R3
22	CSHEZ1585FC01	AL	EB	N	C	Toner hold sheet A	トナーウケシート A
23	PSHEP1595FCZZ	AC	DE	N	C	Toner hold sheet	トナーウケマイラーB4
24	PSHEP1672FCZZ	AC	DC	N	C	CL sheet F	CL マイラー F
25	LPLTM2189FCZZ	AG	DS	N	C	Drume frame joint plate	ドラムフレームレンケツイタ
26	PCOVP0701FCZZ	AF	DQ	N	C	Drume side cover	DRソクメンカバー
27	CFRM-0404FC01	AM	EG	N	C	Drume frame F	DRフレーム F
28	PCOVH0556FCZZ	AE	DK		C	Toner transportation roller	トナー ハンソウ カバー
29	MSPRC1082FCZZ	AB	DB		C	Transportation roller spring	ハンソウローラー スプリング
30	PSHT-0038FCZZ	AE	DK		C	Toner shutter	トナー シャッター
31	LX-BZ0322FCZZ	AB	DB		C	Screw	ビス
32	MSPRT1086FCZZ	AB	DC		C	Bottle spring	ハイトナーボルトヨウスプリング
33	TLABH1633FCZZ	AA	DA		C	Bottle label	ボトルオサエ カイヘイラベル
34	LFiX-0200FCZZ	AF	DQ		C	Fixing bottle	ボトルオサエ
35	TLABZ1157FCZZ	AA	DA		C	Green label	グリーン ラベル
36	LHLDZ0715FCZZ	AE	DJ		C	Bottle holder	ボトルホルダー C3
37	PSEL-0200FCZZ	AD	DG	N	C	CL cushion F	CL モケット F
38	PSEL-0199FCZZ	AC	DE	N	C	CL cushion R	CL モケット R
39	CPLTM2191FC01	AG	DT	N	C	DF boss hold plate	DFヨウボス シジイタ
40	LX-BZ4006HC06	AB	DB		C	Screw (Blue)	ビス
50	MSPRT0861FCZZ	AA	DA		C	Separator spring	ツメフッキ スプリング
51	PRNGP0033FCZZ	AA	DA		C	Ring	リング
52	NSFTZ0617FCZZ	AN	EK		C	Separator pawl shaft B	ツメカイテンジク B
53	LPLTM1548FCZZ	AF	DM		C	Separator pawl fixing plate	B2 ツメトリツケイタ
54	MSPRT0860FCZZ	AA	DA		C	Separator pawl spring	ツメヨウ スプリング
55	NSFTZ0616FCZZ	AG	DS		C	Separator pawl shaft A	ツメカイテンジク A
56	PTME-0112FCZZ	AL	EC		C	DR separator pawl	DR ハクリツメ B2
57	PTUBP0078FCZZ	AC	DE	N	C	Tube	ツメカイテンヨウチューブ
	ユニット (Unit)						
901	DUNT-5987FC11	BG	HN	N	E	Drum cleaner unit	クリーナー ユニット

SF8100

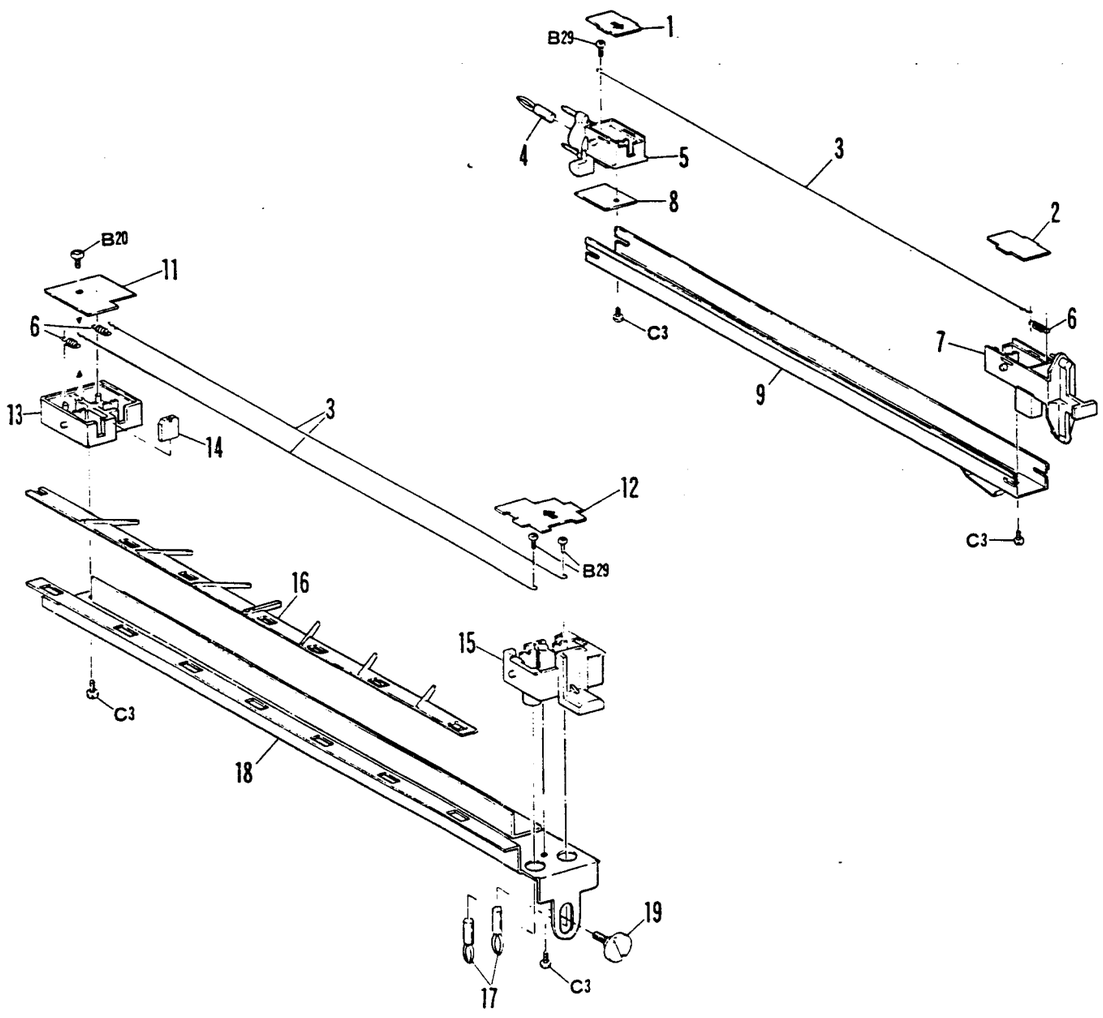
SF8100

12 ドラム・クリーナーユニット(Drum cleaner unit)



13 チャージャー部(Charger unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PCOVP0697FCZZ	AB	DB	N	C	MC cover R	MCカバー R
2	PCOVP0527FCZZ	AA	DA		C	MC cover F	MCカバー F B2
3	DWiR-0466CSZZ	BG	GZ		A	Charger wire	チャージャーセン
4	QPLG-0030FCZZ	AE	DL		C	Plug	バナナプラグ
5	LHLDZ0575FCZZ	AH	DX		C	MC holder R	B2 MC ホルダー R
6	MSPRT0513FCZZ	AA	DB		B	Tension spring	テンションバネ
7	LHLDZ0574FCZZ	AH	DX		C	MC holder F	B2 MC ホルダー F
8	PSHEP1548FCZZ	AA	DA		C	MC holder sheet	MCホルダーヨウマイラー
9	CCASZ0107FC01	AL	EB		C	MC case	MCケース
11	PCOVP0534FCZZ	AC	DC		C	TC cover R	TCカバー R
12	PCOVP0698FCZZ	AB	DB	N	C	TC cover F	TCカバー F
13	LHLDZ0579FCZZ	AE	DK		C	TC holder R	B2 TCホルダー R
14	PGUMS0126FCZZ	AC	DC		C	Rubber	ボウシンゴム
15	LHLDZ0578FCZZ	AD	DG		C	TC holder F	B2 TCホルダー F
16	PGiDH0638FCZZ	AE	DH		C	AC guide	AC ガイド
17	QPLG-0023FCZZ	AF	DQ		C	Plug 32	バナナプラグ 32
18	CCASZ0109FC01	AP	EQ		C	TC,AC case	TC,AC ケース
19	LX-BZ0268FCZZ	AB	DB		C	Screw	ビス
	ユニット (Unit)						
901	CCASZ0107FC52	AW	FS	N	E	MC case unit	MCケース ユニット
	CCASZ0109FC54	AZ	GD	N	E	TC,AC case unit	TC,ACケース ユニット

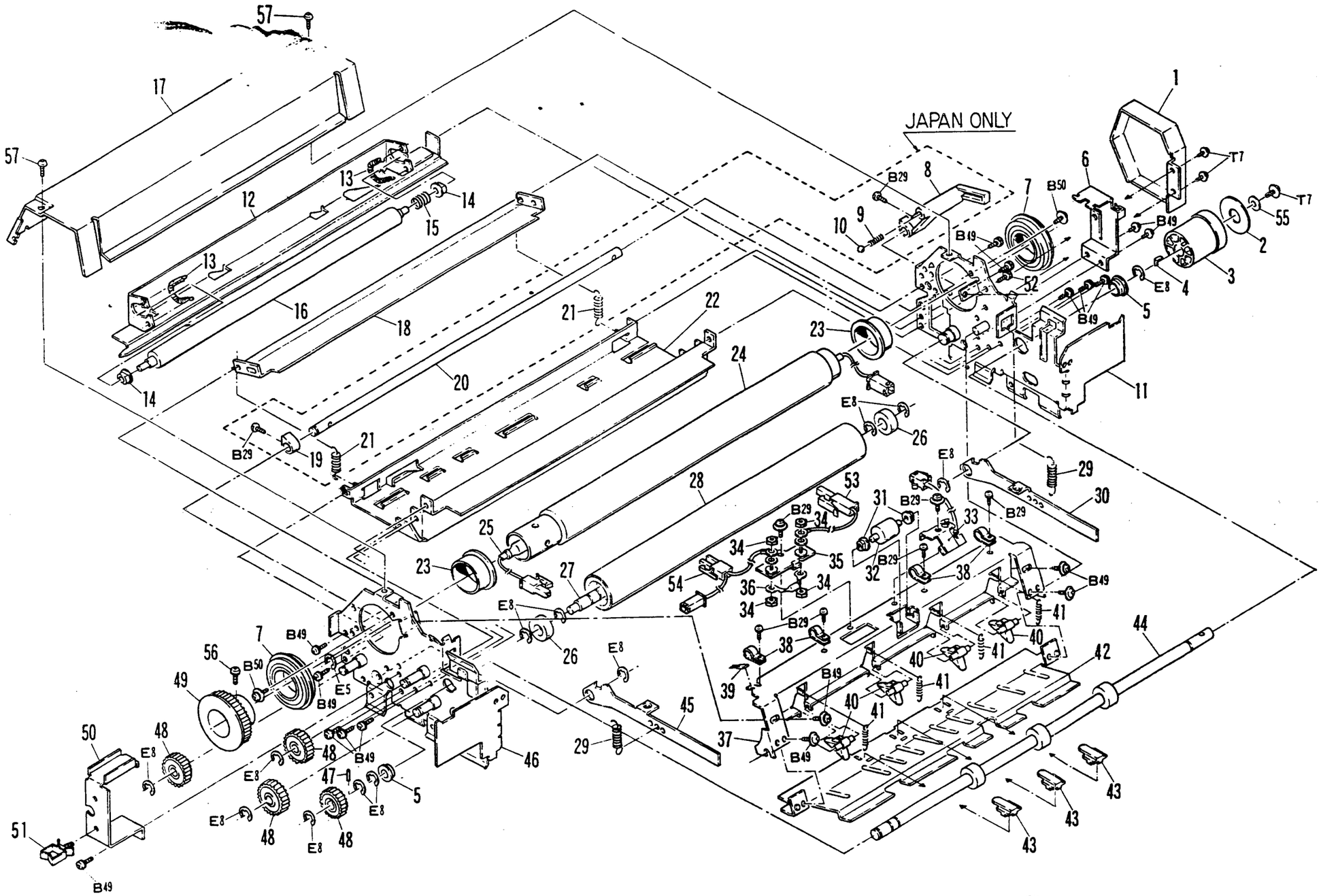


14 定着部(Fusing section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PCOVP0726FCZZ	AQ	ES	N	C	Heater lamp cover front (Japan only)	ヒーターランプカバーマエ
	PCOVP0694FCZZ	AP	EM	N	C	Heater lamp cover front (Export)	ヒータランプカバーマエ
2	TLABZ1328FCZZ	AC	DC		C	HR turning label	ヒートローラーカイテンラベル
3	JKNBP0045FCZZ	AC	DD		C	Fusing knob B	ティチック ツマミ B
4	LSTPT0058FCZZ	AC	DD		C	HR stopper	HR ストッパー
5	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウジクウケ
6	LHLDZ0740FCZZ	AE	DL	N	C	Heater lamp holder F	ヒーターランプホルダー F
7	NBRGY0255FCZZ	AN	EK	N	C	Upper roller bearing	ウエ ローラー ジクウケ
8	MLEVP0379FCZZ	AB	DC	N	C	Paper guide front lever (Japan)	ペーパーガイドテイチャク マエレバー
9	MSPRT1121FCZZ	AA	DA	N	C	Paper guide front lock spring (Japan)	ペーパーガイドテイチャク マエロックスプリング
10	NBALS0004FCZZ	AA	DA	N	C	Paper guide front lock bool (Japan)	ペーパーガイドテイチャク マエロックボール
11	CFRM-0402FC01	AR	EW	N	C	Fusing frame front	ティチックフレーム マエ
12	CPLTM2249FC01	AK	DZ	N	C	Lower CL roller hold plate	シタ CL ローラーシジイタ
13	MSPRT1116FCZZ	AB	DB	N	C	Lower CL roller spring	シタ CL ローラースプリング
14	NBRGC0100FCZZ	AC	DD		C	Bearing 6	ジクウケ 6
15	MSPRT1117FCZZ	AA	DA	N	C	Lower CL roller shaft spring	シタ CL ローラージクスプリング
16	NROLN0509FCZZ	AW	FQ	N	C	Lower CL roller	シタ CL ローラー
17	CCOVQ0692FC01	AT	FG	N	C	Fusing cover upper (Japan)	ティチックカバー マエ
	CCOVQ0692FC02	AT	FG	N	C	Fusing cover upper (U.Kingdom,Australia)	ティチックカバー ウエ
	CCOVQ0692FC03	AT	FG	N	C	Fusing cover upper (E,F,G,S)	ティチックカバー ウエ
	CCOVQ0692FC04	AT	FG	N	C	Fusing cover upper (USA)	ティチックカバー ウエ
18	CGiDH0808FC31			N	E	Paper guide front unit	ペーパーガイド マエ ユニット
19	MCAMP0060FCZZ	AB	DB	N	C	Paper guide front cam (Japan)	ペーパーガイドテイチャクマエカム
20	NSFTZ0841FCZZ	AP	EL	N	C	Paper guide shaft (Japan)	ペーパーガイドテイチャクヨウジク
21	MSPRC1120FCZZ	AA	DA	N	C	Paper guide front spring (Japan)	ペーパーガイドテイチャク マエスプリング
22	PCOVQ0693FCZZ	AQ	ER	N	C	Fusing cover lower	ティチックカバー シタ
23	LBSHC0205FCZZ	AK	DY	N	C	Bushing	ダンネツブッシング
24	NROLT0506FCZZ	BF	HH	N	C	Upper heat roller	ウエ ヒートローラー
25	RLMPU0313FCZZ	BA	GJ		B	Heater lamp (100V)	ヒーターランプ
	RLMPU0314FCZZ	BA	GJ		B	Heater lamp (110V)	ヒーターランプ
	RLMPU0315FCZZ	BA	GJ		B	Heater lamp (120V)	ヒーターランプ
	RLMPU0316FCZZ	BA	GJ		B	Heater lamp (127V)	ヒーターランプ
	RLMPU0317FCZZ	BA	GJ		B	Heater lamp (200V)	ヒーターランプ
	RLMPU0318FCZZ	BA	GJ		B	Heater lamp (220V)	ヒーターランプ
	RLMPU0319FCZZ	BA	GJ		B	Heater lamp (240V)	ヒーターランプ
26	NBRGY0253FCZZ	AH	DV	N	C	Lower roller bearing	シタ ローラーベアリング
27	NSFTZ0843FCZZ	AM	ED	N	C	Lower roller shaft	シタ ローラーシャフト
28	NROLi0507FCZZ	BE	HB	N	C	Lower heat roller	シタ ヒートローラー
29	MSPRT1115FCZZ	AB	DB	N	C	Spring	カアツ スプリング
30	MLEVF0377FCZZ	AF	DN	N	C	Lever	カアツレバーマエ
31	NBRGC0249FCZZ	AC	DD		C	Upper CL shaft bearing	ウエ CL ローラージクウケ
32	NROLN0372FCZZ	AQ	ET		C	Upper CL roller	ウエ CL ローラー
33	RDTCT0045FCZZ	AT	FG	N	B	Thermistor	サーミスター
34	LX-NZ0035FCZZ	AA	DA		C	Nut	ナット
35	LPLTP2244FCZZ	AH	DV	N	C	Fuse fixing plate	ヒューズトリツケイタ
36	CFS-T0069FC51	AF	DQ	N	A	Temperature fuse	オンドヒューズ
37	LPLTM2241FCZZ	AN	EH	N	C	Thermistor fixing plate	サーミスタートリツケタ
38	LHLDW0747FCZZ	AB	DB	N	C	Wire holder	タイネツクランプ
39	PBRSR0059FCZZ	AK	EA	N	B	Discharge brush	ローラージョデンブラシ
40	PTME-0149FCZZ	AF	DP	N	C	Upper separator pawl	ウエ ハクリツメ
41	MSPRT1118FCZZ	AA	DA	N	C	Upper separator pawl spring	ウエ ハクリツメスプリング
42	PGiDH0809FCZZ	AL	EC	N	C	Delivery guide	ハイシガイド
43	CFiX-0257FC01	AE	DH	N	C	Lower separator pawl	シタハクリツメ
44	NROLR0508FCZZ	AQ	ET	N	C	Delivery roller	ハイシローラー
45	MLEVF0378FCZZ	AF	DN	N	C	Lever rear	カアツレバーウシロ
46	CFRM-0403FC01	AV	FM	N	C	Fusing frame rear	ティチックフレーム リア
47	LPiNS0024FCZZ	AB	DB		C	Pin (53T)	ピン
48	NGERH0188FCZZ	AD	DF		C	Joint gear (30T)	レンケツ ギヤー
49	NGERH0379FCZZ	AK	DZ	N	C	Heart roller gear (53T)	ヒートローラー ギヤー
50	LHLDZ0741FCZZ	AE	DJ	N	C	Heater lamp holder R	ヒーターランプホルダー R
51	LHLDW2047SCZZ	AA	DB		C	Holder (WS-1NS)	ワイヤーホルダー
52	LX-BZ4006HC06	AB	DB		C	Screw	ビス
53	DHAi-1182FC11	AD	DG	N	C	Fusing harness 2 (Canada only)	ティチックハーネス 2
	DHAi-1182FCZZ	AE	DJ	N	C	Fusing harness 2 (Other countries)	ティチックハーネス 2
54	DHAi-1181FC11	AF	DP	N	C	Fusing harness 1 (Canada only)	ティチックハーネス 1
	DHAi-1181FCZZ	AF	DP	N	C	Fusing harness 1 (Other countries)	ティチックハーネス 1
55	LX-WZ0028FCZZ	AA	DA		C	Washer	ワッシャー
56	LX-BZ0056FCZZ	AA	DA		C	Screw	ビス
57	LX-BZ0319FCZZ	AC	DD		C	Screw (4×6)	ビス
	ユニット (Unit)						
901	DUNTW5983FCZZ	CA	TZ	N	E	Fusing unit (100V)(Japan)	ティチックユニット
	DUNTW5983FC11	CA	TZ	N	E	Fusing unit (110V)	ティチックユニット
	DUNTW5983FC12	CA	TZ	N	E	Fusing unit (120V)··USA	ティチックユニット
	DUNTW5983FC13	CA	TZ	N	E	Fusing unit (120V)··Canada	ティチックユニット
	DUNTW5983FC14	CA	UA	N	E	Fusing unit (120V)··Other countries	ティチックユニット
	DUNTW5983FC15	CA	TZ	N	E	Fusing unit (200V)	ティチックユニット

14 定着部(Fusing section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION
*	901 DUNTW5983FC16	CA	TZ	N	E	Fusing unit (220V)･･SEEG テイチークユニット
*	DUNTW5983FC17	CA	TZ	N	E	Fusing unit (240V)･･U,Kingdom,Australia テイチークユニット
*	DUNTW5983FC18	CA	TZ	N	E	Fusing unit (240V)･･Other countries テイチークユニット
*	DUNTW5983FC19	CA	TZ	N	E	Fusing unit (127V) テイチークユニット



15 給紙部(Paper feeding section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	QSW-L0283FCZZ	AK	DY	N	B	Lead switch (PESW)(PE1)	リードスイッチ
2	PGiDH0802FCZZ	AM	ED	N	C	Manual feed front upper paper guide	テサシマエウエペーパーガイド
3	PSHEP1580FCZZ	AB	DB	N	C	Manual feed guide sheet	テサシガイドマイラ
4	LBNDJ0013FCZZ	AA	DA		C	Wire band	ワイヤーバンド
5	PSHEP1578FCZZ	AB	DB	N	C	Manual feed F,U paper guide L sheet	テサシマエウエペーパーガイドアトマイラ
6	MLEVP0376FCZZ	AG	DT	N	C	Manual feed PE lever	テサシ PEアクチエーター B4
7	NRŌLP0512FCZZ	AB	DB	N	C	Transport roller	ハンソウジユウドウローラー
8	MSPRT1109FCZZ	AB	DB	N	C	Manual feed roller spring	テサシローラー スプリング
9	PSHEP1579FCZZ	AB	DC	N	C	Manual feed F,U paper guide sheet	テサシマエウエペーパーガイドボウシンシート
10	LPLTM2226FCZZ	AD	DH	N	C	PE Lever fixing plate 250	PEアクチエタートリツケイタ 250
11	QSW-L0281FCZZ	AK	DY	N	B	Lead switch (PESW)(PE2)	リードスイッチ
12	MLEVP0375FCZZ	AD	DH	N	C	PE Lever 250	PE アクチエター 250
13	PGiDH0800FCZZ	AC	DC	N	C	PF paper fixing guide	PFカミオサエガイド
14	PGiDH0801FCZZ	AN	EL	N	C	Manual feed front lower paper guide	テサシマエシタペーパー ガイド
15	LSTYM0086FCZZ	AL	EC	N	C	PF frame stay	PFフレーム ステイ
16	NRŌLR0505FCZZ	AP	EP	N	C	Manual feed PF roller	テサシキユウシローラーB4
17	NRŌLR0501FCZZ	AS	FC	N	C	PF roller 250	PFローラー 250
18	LPLTM2229FCZZ	AD	DF	N	C	Manual feed plate	テサシゲート B4
19	PGiDH0735FCZZ	AF	DN		C	Cassette guide R	カセットガイド R
20	PGiDH0772FCZZ	AH	DX		C	Cassette guide 500R	カセットガイド 500R
21	MSPRP1060FCZZ	AD	DF		C	Guide spring R	ガイド スプリング R
22	CFRM-0409FC01	AZ	GC	N	C	PF frame R	PFフレーム R
23	CPLTM2228FC01	AF	DP	N	C	PS clutch solenoid plate	PSクラッチソレノイドイタ
24	RPLU-0116FCZZ	AN	EK	N	B	PS roller solenoid	PSローラーソレノイド
25	PTME-0109FCZZ	AC	DC		C	PF pawl	PF ラッチ B2
26	MSPRT1112FCZZ	AA	DA	N	C	PS roller latch spring	PSローラーラッチ スプリング
27	CPLU-0114FC31	AP	EP	N	E	PF solenoid 500	PFソレノイド 500
28	CGERH0376FC31	AR	EW	N	E	PS roller gear unit (45T)	PSローラー ギヤーユニット
29	LX-WZ0048FCZZ	AA	DA		C	Washer	ワッシャ
30	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウジクウケ
31	MSPRT0646FCZZ	AB	DB		B	PS spring	PS スプリング
32	NGERH0363FCZZ	AD	DG		C	Idle gear (20T)	アイドルギヤー
33	LX-WZ1003HCZZ	AA	DA		C	Wasfer	ワッシャ
34	CSPK-0122FC31	AT	FH		C	Lower PF sprocket unit (36T)	シタ PF スプロケット ユニット
35	CGERH0375FC31	AQ	EU	N	E	Transport roller gear (36T)	ハンソウローラーギヤー
36	NGERH0187FCZZ	AD	DH		C	Joint gear (40T)	レンケツ ギヤー
37	CSPK-0123FC31	AQ	EU	N	E	Upper PF sprocket unit (28T)	ウエ PF スプロケットユニット
38	LPiNS0024FCZZ	AB	DB		C	Pin B	ヘイコウピン B
39	NGERH0314FCZZ	AC	DD		C	Toner transport gear (16T)	トナーハンソウギヤー
40	CPLU-0113FC31	AP	EM	N	E	PF solenoid 250	PFソレノイド 250
41	NSPK-0113FCZZ	AC	DD		C	Sprocket (16T)	B2 スプロケット
42	MCHN-0089FCZZ	AP	EN	N	B	Paper feed chain	キユウシチエーン
43	CPLTM1510FC03	AF	DM		C	PF tension plate	PE テンションイタ
44	MSPRT1108FCZZ	AB	DB	N	C	Tension spring	テンションスプリング
45	CPLTM2225FC01	AG	DR	N	C	PF solenoid fixing plate	PFソレノイドトリツケイタ
46	RPLU-0115FCZZ	AN	EK	N	B	Transport roller solenoid	ハンソウローラー ソレノイド
47	MSPRT1111FCZZ	AA	DA	N	C	Transport roller spring	ハンソウローラーラッチ
48	LX-BZ1159CCZZ	AA	DA	N	C	Screw	ビス
49	PSHEP1627FCZZ	AB	DC	N	C	PF frame sub sheet	キュウシフレームホジョシート
50	PGUMS0153FCZZ	AA	DB	N	C	Solenoid rubber A	ソレノイドゴム A
51	PSPAZ0360FCZZ	AB	DB	N	C	Rubber spacer	ゴムスペーサー
52	PGUMS0155FCZZ	AA	DA	N	C	Solenoid 250 rubber	ソレノイド250ヨウゴム
53	PGUMS0154FCZZ	AC	DD	N	C	Solenoid 500 rubber	ソレノイド500ヨウゴム
54	LX-WZ0204FCZZ	AA	DA	N	C	Solenoid rubber washer	ソレノイドゴムワッシャー
101	LX-BZ0071FCZZ	AA	DA		C	Screw (Left type)(RED)(4×8)	ビス
102	LX-WZ0086FCZZ	AA	DA		C	Washer	ワッシャ
103	JKNBP0084FCZZ	AC	DD		C	PS knob	PS ノブ
104	LX-WZ0017FCZZ	AA	DA		C	Washer	ワッシャ
105	MSPRT0735FCZZ	AA	DA		C	PSbrake spring	PS ブレーキスプリング
106	PCLR-0259FCZZ	AB	DB	N	C	Brake collar	ブレーキヨウカラー
107	LX-WZ0048FCZZ	AA	DA		C	Washer	ワッシャ
108	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウジクウケ
109	MSPRT0646FCZZ	AB	DB		B	PS spring	PS スプリング
110	CFRM-0408FC01	AW	FR	N	C	PF frame F	PFフレーム F
111	MSPRP1059FCZZ	AC	DE		C	Guide spring F	ガイド スプリング F
112	PGiDH0734FCZZ	AF	DN		C	Cassette guide F	カセットガイド F
113	PGiDH0771FCZZ	AH	DX		C	Cassette guide 500F	カセットガイド 500F
114	PGiDH0803FCZZ	AK	DZ	N	C	Manual feed R,L paper guide	テサシアトシタペーパー ガイド
115	CGiDH0835FC01	AH	DW	N	C	PS front upper paper guide (100V series.SEEG.U.Kingdom)	PS マエウエペーパー ガイド
	CGiDH0768FC01	AH	DW		C	PS front upper paper guide (200V series)…Except SEEG.U.Kingdom	PS マエウエペーパー ガイド
116	PSHEP1446FCZZ	AB	DB		C	PS front upper sheet	PS マエウエ マイラー
117	PGiDH0805FCZZ	AP	EQ	N	C	Paper guide 250	ペーパーガイド 250B4
118	CPWBF0542FC51	AV	FM	N	E	Cassette size sensor PWB U	カセットサイズケンチキバンU
119	CHLDZ0589FC02	AH	DW	N	C	Cassette size PWB holder	カセットサイズ キバン ホルダー
120	NRŌLR0502FCZZ	AT	FH	N	C	PF transport roller	PFハンソウローラー
121	NRŌLR0504FCZZ	AW	FQ	N	C	PF roller 500	PFローラー 500
122	PGiDH0804FCZZ	AM	EE	N	C	PF lower roller paper guide	PFシタローラーペーパーガイド
123	PSHEP1521FCZZ	AB	DB		C	Sheet	LCC ハンシートヨケシート

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15 給紙部(Paper feeding section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
124	QSW-L0282FCZZ	AK	DY	N	B	Lead switch (PESW)(PE3)	リードスイッチ
125	LPLTM2227FCZZ	AD	DF	N	C	PE lever fixing plate 500	PEアクチエトリツケイタ 500
126	MLEVP0385FCZZ	AD	DH	N	C	PE lever	PEアクチューター
127	PSHEP1718FCZZ	AD	DF	N	C	Sheet	シート
128	CGiDH0869FC01	AK	DY	N	C	PS front lower paper guide	PS マエシタペーパーガイド
129	QSW-L0284FCZZ	AN	EK	N	B	Lead switch (MS-1)	リードスイッチ
130	NBRGP0251FCZZ	AC	DD		C	PS bearing	ドウデン PS ジクウケ
131	NSFTZ0834FCZZ	AP	EP	N	C	PS roller U shaft	PSローラー U ジク
132	NBRGP0119FCZZ	AC	DD		C	PS bearing	PS ベアリング
133	PCLR-0256FCZZ	AB	DC	N	C	PC roller collar 1	PCローラーカラー 1
134	LPiNS0024FCZZ	AB	DB		C	Pin B	ヘイコウピン B
135	NRŌLR0503FCZZ	AW	FR	N	C	PF roller lower	PSローラー シタ
136	PSPAZ0361FCZZ	AD	DH	N	C	PE SW spacer	PE SW スペーサー

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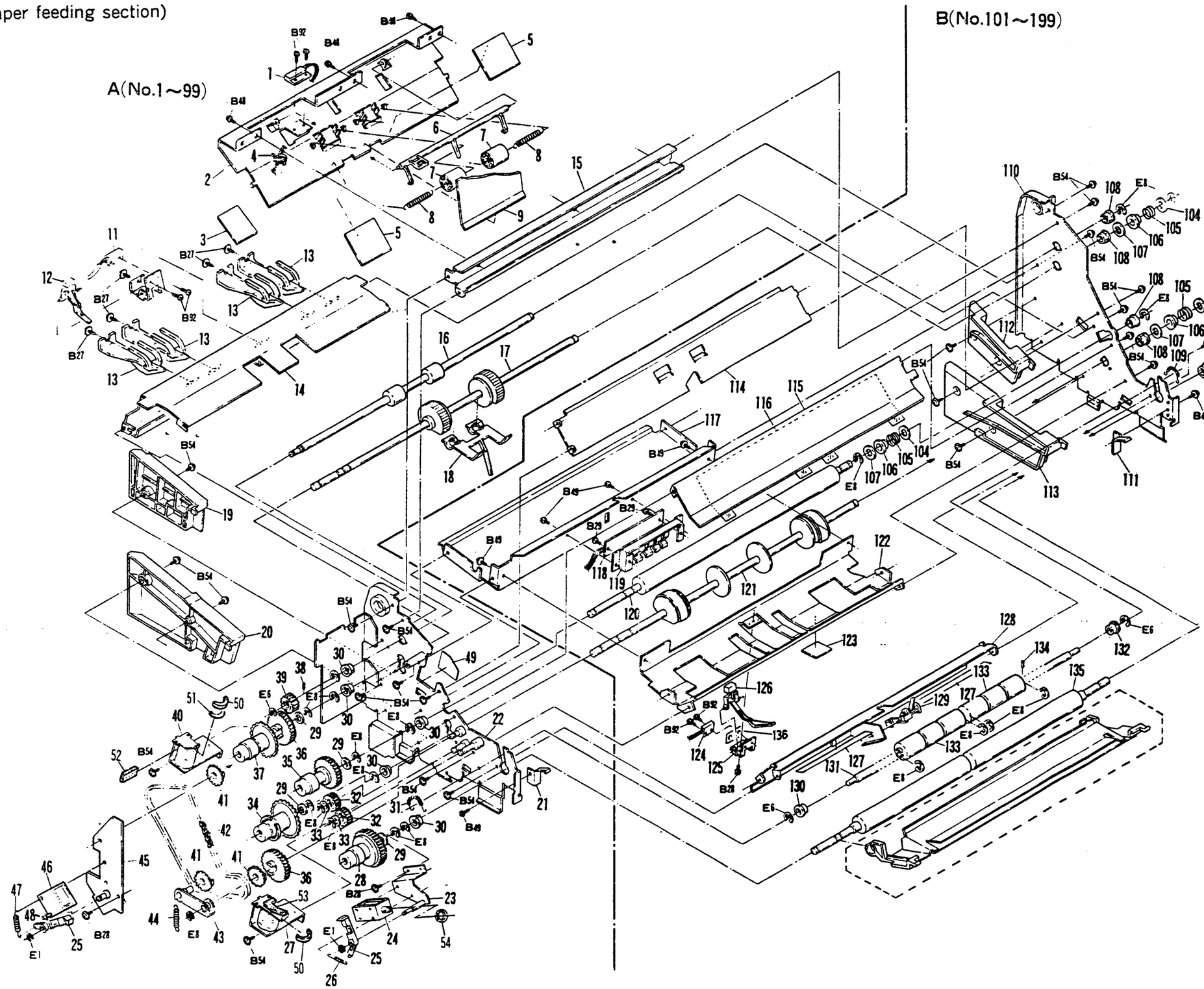
15 給紙部(Paper feeding section)



16 シャーシ部(Chassis)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	NROLP0487FCZZ	AB	DB		C	Suction roller	サクションクドウローラー
2	NSFTZ0840FCZZ	AM	EF	N	C	Suction roller shaft	サクションジュウドウローラージク
3	CBLTH0067FC31	AQ	ER	N	E	Suction belt unit	サクションベルトユニット
4	NBRGC0254FCZZ	AB	DC	N	C	Delivery roller bearing	ハイシローラーヨウジクウケ
5	CPLTM2306FC01	AU	FK	N	C	Suction plate	サクションバン
6	QSW-L0240FCZZ	AN	EH		B	Lead switch (MS2)	リードスイッチ
7	NROLR0488FCZZ	AF	DQ		C	Sponge roller (Japan)	スポンジローラー
8	LPiNS0075FCZZ	AB	DB		C	Pin	ヘイコウピン
9	NSFTZ0839FCZZ	AP	EP	N	C	Suction drive shaft	サクション クドウジク
10	LPiNS0024FCZZ	AB	DB		C	Pin B	ヘイコウピン B
11	NGERH0188FCZZ	AD	DF		C	Joint gear (30T)	レンケツ ギヤー
12	LPLTM1567FCZZ	AF	DP		C	CH plate	B2 CH ウケイタ
13	MSPRT0833FCZZ	AD	DF		C	CH spring	CH スプリング
14	NGERH0144FCZZ	AF	DN		C	Develop gear A (32T)	ゲンゾウギヤー A
15	LSTYM0087FCZZ	AK	DY	N	C	500 sheets cassette stay	500マイカセットステイ
16	CPWBF0542FC32	AV	FN	N	E	Cassette size L PWB	カセットサイズ L キバン
17	CHLDZ0589FC02	AH	DW	N	C	Cassette size PWB holder	カセットサイズ キバン ホルダー
18	CFRM-0399FC01	AV	FM	N	C	Rear frame lower	ウシロフレーム シタ
19	LHLDW0429FCZZ	AB	DB		C	Wire holder	ワイヤーホルダー
20	PSHEP1577FCZZ	AB	DB	N	C	Base plate sheet	ダイバンマイラー
21	CANGF0730FC02	AG	DU	N	C	Balancer boss angle lower	バランサーボス アングル シタ
22	MSPRC1097FCZZ	AW	FS	N	C	Blancer spring	バランサー
23	LX-WZ0079FCZZ	AC	DE		C	Crip ring	クリップリング
24	PMLT-0403FCZZ	AA	DA		C	Fan cushion	ファンヨウ モルト
25	PCOVH0572FCZZ	AG	DR		C	Soction fan front cover	サクションファンカバー ウエ N
26	PFiLZ0091FCZZ	AH	DW	N	B	Ozon filter lower	オゾンフィルター シタ
27	PCOVH0573FCZZ	AP	EM		C	Soction fan lower cover	サクションファンカバー シタ N
⚠ 28	RMOTE0366FCZZ	BE	HB		B	Suction fan motor (SFM)(100V)	サクションファンモーター
⚠ 28	RMOTE0367FCZZ	BE	HB		B	Suction fan motor (SFM)(110V/120V)	サクションファンモーター
⚠ 28	RMOTE0368FCZZ	BE	HB		B	Suction fan motor (SFM)(127V)	サクションファンモーター
28	RMOTE0369FCZZ	BE	HB		B	Suction fan motor (SFM)(200V)	サクションファンモーター
⚠ 28	RMOTE0370FCZZ	BE	HB		B	Suction fan motor (SFM)(220V)	サクションファンモーター
⚠ 28	RMOTE0371FCZZ	BE	HB		B	Suction fan motor (SFM)(240V)	サクションファンモーター
29	PSPAZ0321FCZZ	AH	DV		C	Rubber spacer	ゴムスペーサー
30	GLEGP0024FCZZ	AC	DE		C	Base plate rubber foot	ダイバン アシ
31	CDAi-0135FC01	BM	LJ	N	C	Base plate	ダイバン
32	PSHEP1631FCZZ	AB	DC	N	C	Suctiom sheet B	サクションヨウマイラー B
33	PMLT-0575FCZZ	AA	DA	N	C	Suctiom cushion	サクションヨウモルト
101	CYOK-0015FC31	AL	EC	N	D	Toner bottle unit (Japan)	ハイトナーボトル ユニット
101	CYOK-0015FC32	AL	EC	N	D	Toner bottle unit (U,Kingdom,Australia)	ハイトナーボトル ユニット
101	CYOK-0015FC33	AL	EC	N	D	Toner bottle unit (Canada,SEEG,others)	ハイトナーボトル ユニット
101	CYOK-0015FC34	AL	EC	N	D	Toner bottle unit (USA)	ハイトナーボトル ユニット
102	TLABZ1738FCZZ	AB	DC	N	C	Toner box label (Japan)	カイシュウボックスラベル
102	TLABZ1740FCZZ	AC	DC	N	C	Toner box label (USA)	カイシュウボックス ラベル
102	TLABZ1739FCZZ	AB	DC	N	C	Toner box label (U,Kingdom,Australia)	カイシュウボックス ラベル
102	TLABZ1741FCZZ	AB	DC	N	C	Toner box label (E,F,G,S)	カイシュウボックス ラベル
103	LPLTM2075FCZZ	AK	DY		C	Bottle hold plate B	ボトルウケ B
104	PSHEP1502FCZZ	AA	DA		C	Sensor sheet	センサーマイラー
105	MLEVP0315FCZ1	AB	DC		C	Bottle lever	ボトル アクチュエーター
106	VHPGP3A11//-1	AN	EK		B	LED (GP3A11)(TFS)	LED
107	PSRA-0017FCZZ	AM	ED		C	Bottle hold plate A	ボトルウケ A
108	LX-BZ0260FCZZ	AA	DA		C	Screw (Red)	ビス
109	LPLTM1617FCZZ	AB	DC		C	Spring hook plate C	スプリング フックプレート C
110	MSPRT1052FCZZ	AB	DB		C	Toner hold spring	トナーウケ スプリング
111	LPLTM2181FCZZ	AH	DV	N	C	DV (F) plate C	DV Fバン C
112	MSPRC1097FCZZ	AW	FS	N	C	Blancer spring	バランサー
113	TCAUA0528FCZZ	AA	DA		C	HV caution label (Japan)	コウアツチュウイ ラベル
113	TCAUH0683FCZZ	AA	DA		C	HV caution label (USA,U,Kingdom,Australia)	コウアツチュウイ ラベル
113	TLABZ0588FCZZ	AA	DA		C	HV caution label (E,F,G,S)	コウアツチュウイ ラベル
114	CANGF0730FC01	AG	DS		C	Balancer fixing angle	バランサー トリツケ アングル
115	LX-WZ0079FCZZ	AC	DE		C	Crip ring	クリップリング
116	PCOVH0541FCZZ	AG	DS		B	Power supply switch cover	デンゲン スイッチ カバー
117	QSW-C1380QCZZ	AS	FB		B	ON/OFF switch (Power SW)	シーソースイッチ
118	CFRM-0398FC01	AU	FL	N	C	Front frame lower	マエフレーム シタ
⚠ 119	CPWBF0537FC51	BC	GR	N	E	Relay PWB (100V series)	リレーキバン
⚠ 119	CPWBF0537FC52	BD	GU	N	E	Relay PWB (200V series)	リレーキバン
120	LSUPP0033FCZZ	AA	DA	N	C	Supporter (PCB-6L)	サポーター
⚠ 121	VHSBCR30GM8R1	AT	FG		B	Triac (100V/110V)	トライアック
⚠ 121	VHSBCR16HM-08	AQ	ET		B	Triac (120V/127V)	トライアック
⚠ 121	VHSBCR16HM-12	AR	EX		B	Triac (200V series)	トライアック
122	RRLYU0067FCN3	AU	FK		B	Relay	リレー
⚠ 123	QFS-A2700QCZZ	AD	DH		A	Fuse (20A 125V)(Japan)	ヒューズ
⚠ 123	QFS-B0030FCZZ	AH	DS		A	Fuse (120V/127V)(15A)	ヒューズ
⚠ 123	QFS-B0012FCZZ	AH	DK		A	Fuse (200V series)(10A)	ヒューズ
124	QFSHB0020FCZZ	AF	DL		C	Fuse holder	ヒューズホルダー
⚠ 125	CPWBF0539FC51	AT	FG	N	E	Noise filter PWB (100V/110V)	ノイズフィルター キバン
⚠ 125	CPWBF0539FC52	AX	FU	N	E	Noise filter PWB (120V/127V)‥USA,Canada	ノイズフィルター キバン
⚠ 125	CPWBF0540FC51	BB	GN	N	E	Noise filter PWB (200V series)‥Except SEEG	ノイズフィルター キバン
⚠ 125	CPWBF0540FC52	BC	GR	N	E	Noise filter PWB (200V series)‥SEEG only	ノイズフィルター キバン
126	LSUPP0004FCZZ	AC	DD		C	Supporter (100V series)	サポーター

16 シャーシ部(Chassis)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
127	PSHEP1113FCZZ	AC	DC		C	Socket fuse sheet (200V series)	ソケ トヒューズマイラー
128	LSUPP0041FCZZ	AA	DA	N	C	Supporter (PCB-6S)	サポター
129	LDAiU0261FCZZ	AP	EN	N	C	PS base plate	デンゲンダイイタ
130	LX-BZ0191FCZZ	AA	DA		C	Screw	ビス
131	LFiX-0016FCZZ	AD	DH		C	AC cord holder	ACコードオサエ
132	LFiX-0205FCZZ	AB	DB		C	Fixing wire	ハイセンオサエ B2
133	TLABZ1442FCZZ	AA	DA		C	Fuse label (20A)(100V)(Japan)	ヒューズ ラベル
133	TLABZ0587FCZZ	AA	DB		C	Fuse label (20A)(100V)(Export)	ヒューズ ラベル
133	TLABH1351FCZZ	AB	DB		C	Fuse label (10A)(200V series)	ヒューズ ラベル
133	TLABZ0901FCZZ	AA	DA		C	Fuse label (15A)(120V/127V)	ヒューズ ラベル
134	TLAB-4681CCZZ	AA	DA		C	Ground label	アースラベル
135	LX-BZ0192FCZZ	AA	DA		C	Screw (USA,Canada)	ビス
135	LX-BZ0191FCZZ	AA	DA		C	Screw (Other countries)	ビス
136	LFiX-0084FCZZ	AC	DD		C	AC cord holder (USA,Canada)	AC コードオサエ
136	LFiX-0016FCZZ	AD	DH		C	AC Cord holder (Other countries)	AC コードオサエ
⚠ 137	QACCJ3412QCZZ	AN	EG		B	AC cord (Japan plug)	AC コード
⚠ 137	QACCD7412QCZZ	AW	FS		B	AC cord (UL,CSA plug)	AC コード
⚠ 137	QACCL8421QCZZ	AW	FV		B	AC cord (Australia plug)	AC コード
⚠ 137	QACCV6420QCZZ	AV	FL		B	AC cord (4.8φ 2P plug)	AC コード
⚠ 137	QCNW-0029FCZZ	AU	ES		C	AC cord (BS plug)	BSコード
⚠ 137	QCNW-0090FCZZ	AU	EL		C	AC cord(U.Kingdom,Cyprus,Singapore,Malaysia)(240V)(4φ2P plug)	AC コード
⚠ 137	QCNW-0120FCZZ	AU	FL		C	AC cord (Saudi Arabia)	AC コード
⚠ 137	QPLGA0002QCZZ	AN	EH		C	AC plug (Saudi Arabia)	AC プラグ
⚠ 137	QTANP0096FCZZ	AA	DA	N	C	Terminal (Saudi Arabia)	タンシ
⚠ 137	QCNW-0069FCZZ	AC	DD		C	Earth wire (Japan)	アースワイヤー
138	PHOG-0213FCZZ	AB	DC		C	3P Terminal cover (200V series)	3P タンシダイカバー
⚠ 139	QTANN0015FCZZ	AG	DS		C	3P terminal (200V series)	3P タンシダイ
140	LBSHZ0083FCZZ	AC	DD		C	Bushing (OCB-625)	ブッシング
141	RTRNZ0354FCZZ	BR	MV	N	B	AC T transformer	AC TC トランス
⚠ 142	RTRNP0348FCZZ	BH	HS	N	B	Power transformer (100V series)	デンゲントランス
⚠ 142	RTRNP0350FCZZ	BK	HV	N	B	Power transformer (127V)	デンゲン トランス
⚠ 142	RTRNP0349FCZZ	BH	HT	N	B	Power transformer (200V series)	デンゲン トランス
143	CDAi-0135FC01	BM	LJ	N	C	Base plate	ダイバン
144	GLEGP0024FCZZ	AC	DE		C	Base plate rubber foot	ダイバン アシ
145	PSPAZ0321FCZZ	AH	DV		C	Rubber spacer	ゴムスペーサー
146	PSHEP1577FCZZ	AB	DB	N	C	Base plate sheet	ダイバンマイラー
147	JHNDM0069FCZZ	AH	DV		C	Base plate handle	ダイバントッテ
148	LBNDJ0020FCZZ	AA	DB		C	Wire fixing band	コード バンド
149	LX-BZ0353FCZZ	AA	DA	N	C	Screw	ビス

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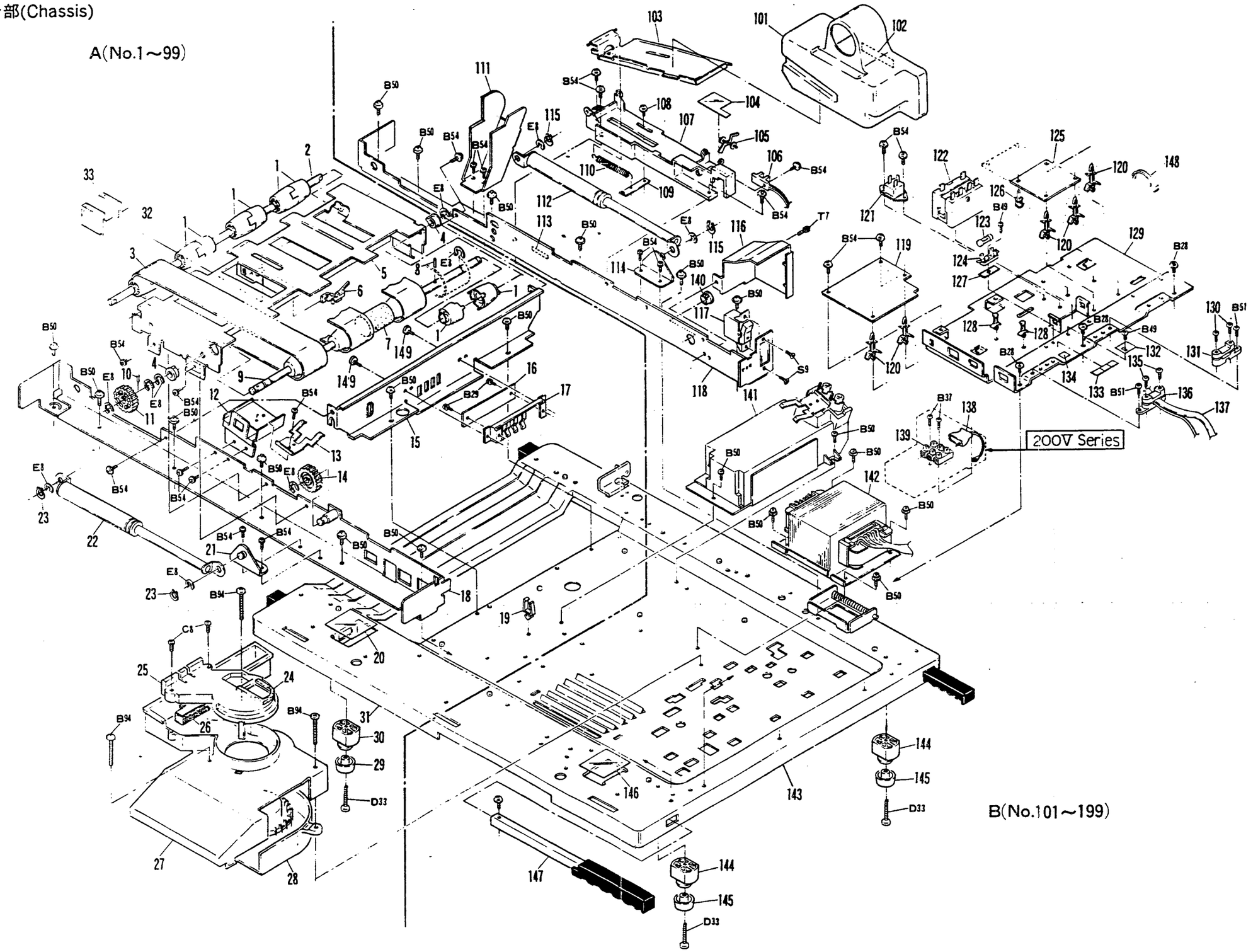
16 シャーシ部(Chassis)

A(No.1～99)



B(No.101～199)

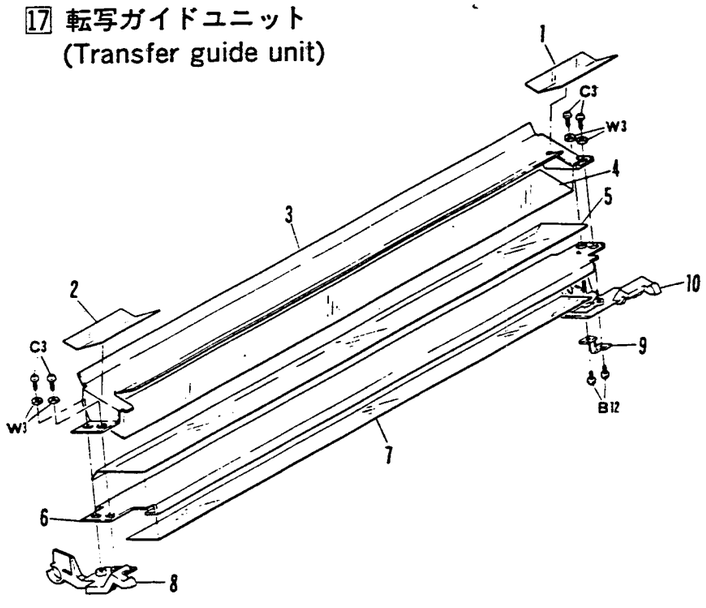
17 転写ガイドユニット(Transfer guide unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PSHEP1674FCZZ	AB	DB	N	C	Transfer guide F sheet	テンシヤガイド [illegible]
2	PSHEP1673FCZZ	AB	DB	N	C	Transfer guide R sheet	テンシヤガイド R シート
3	PGiDH0812FCZZ	AG	DS	N	C	Transfer guide B	テンシヤガイドB
4	PSHEP1065FCZZ	AC	DD		C	Guide sheet C	ガイドマイラー C
5	PSHEP1042FCZZ	AE	DJ		C	Guide sheet B	ガイドマイラー B
6	PGiDH0815FCZZ	AG	DS	N	C	Transfer guide A	テンシヤガイド A
7	PSHEP1055FCZZ	AC	DD		C	Guide sheet D	ガイドマイラー D
8	LHLDZ0592FCZZ	AC	DE		C	Guide holder R	ガイドホルダー ウシロ
9	QEARP0018FCZZ	AB	DB	N	C	Transfer guide earth plate	テンシヤアースイタ
10	LHLDZ0591FCZZ	AE	DJ		C	Guide holder F	ガイドホルダー マエ

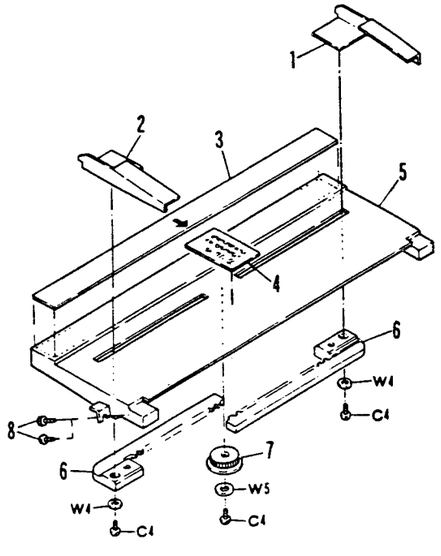
18 手差し給紙台(Manual paper feeding section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PGiDH0806FCZZ	AC	DD	N	C	Manual feed guide F	B4テサシガイドF
2	PGiDH0807FCZZ	AC	DD	N	C	Manual feed guide R	B4テサシガイドR
3	TLABZ1665FCZZ	AE	DJ	N	C	Manual feed size label (Japan)	テサシサイズラベル
	TLABZ1666FCZZ	AE	DJ		C	Manual feed size label (AB series)··SEEG only	テサシサイズ ラベル
	TLABZ1667FCZZ	AE	DJ		C	Manual feed size label (AB-S series)··Except SEEG	テサシサイズ ラベル
	TLABZ1668FCZZ	AD	DH		C	Manual feed size label (inch series)	テサシサイズ ラベル
4	TLABH1664FCZZ	AB	DC	N	C	Manual feed sub label (Japan)	テサシホジヨラベル
5	LDAiU0259FCZZ	AH	DW	N	D	Manual paper feeding base	テサシキユウシダイ
6	NGERR0377FCZZ	AD	DH	N	C	Manual feed gear	テサシラツク B4
7	NGERH0193FCZZ	AB	DC		C	Manual feed gear	テサシ ギヤー
8	LX-BZ0252FCZZ	AD	DH		C	Screw (Japan)	ビス
	XBTSF40P08000	AA	DA		C	Screw (Export)	ビス
	ユニット (Unit)						
901	CDAiU0259FC51	AS	FC	N	E	Manual paper feeding base unit (Japan)	テサシキユウシダイ ユニット
	CDAiU0259FC52	AS	FA	N	E	Manual paper feeding base unit (AB series)··SEEG only	テサシキユウシダイ ユニット
	CDAiU0259FC53	AS	FA	N	E	Manual paper feeding base unit (AB series)··Except SEEG	テサシキユウシダイ ユニット
	CDAiU0259FC54	AR	FA	N	E	Manual paper feeding base unit (inch series)	テサシキユウシダイ ユニット

17 転写ガイドユニット
(Transfer guide unit)



18 手差し給紙台
(Manual paper feeding section)



19 暗箱ユニット(Dark box unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	DHAi-1216FCZZ	AW	FR	N	C	Wire harness	ワイヤーハーネス
2	RMOTV0420FCZZ	BE	HC	N	B	Motor	ステッピングモーター
3	LPLTM2294FCZZ	AG	DU	N	C	Motor fixing plate	モータートリツケプレート
4	PWiR-0104FCZZ	AT	FG	N	C	Wire rope	ワイヤーロープ
5	NPLYD0260FCZZ	AG	DT		C	Idle pulley	アイドルプーリ
6	NGERH0261FCZZ	AN	EH		C	Pulley gear	プーリギヤ
7	PSLD-0160FCZZ	AP	EQ	N	C	Shield plate	シールドプレート
8	PLNS-0027FCZZ	CC	UE	N	B	Lens	レンズ
9	LFiX-0260FCZZ	AK	DY	N	C	Lens holder	レンズオサエ
10	LPLTP2296FCZZ	AN	EJ	N	C	Correct plate	コウリョウホセイバン
11	MSPRT0871FCZZ	AD	DF		C	Spring for cam	カムヨウ スプリング
12	MSPRP1167FCZZ	AD	DF	N	C	Correct spring	ホセイヨウスプリング
13	LHLDW2047SCZZ	AA	DB		C	Wire holder A (WS-1NS)	ワイヤサドル A
14	LHLDW0429FCZZ	AB	DB		C	Wire holder B (WS-2NS)	ワイヤサドル B
15	LFiX-0259FCZZ	AC	DE	N	C	Mirror fixing plate	ミラーオサエ
16	PMiR-0051FCZZ	BB	GN	N	B	Mirror	ミラー
17	PSLD-0159FCZZ	AU	FJ	N	C	Shield plate A	シヤコウバン A
18	LBNDJ0020FCZZ	AA	DB		C	Wire fixing band	ワイヤーコテイバンド
19	LDAi-0276FCZZ	AY	GB	N	C	Slide base	スライドベース
20	MLEVF0394FCZZ	AN	EH	N	C	Cam lever	カムレバー
21	LPLTM2331FCZZ	AN	EK	N	C	Pulley plate	プーリープレート
22	LFiX-0261FCZZ	AD	DG	N	C	Shaft fixing	シャフトオサエ
23	NSFTZ0872FCZZ	AW	FR	N	C	Guide shaft	ガイドシャフト
24	VHPGP3A29//-1	AW	FQ	N	B	Sensor	センサー
25	LPLTM2295FCZZ	AF	DP	N	C	Sensor fixing plate	センサートリツケプレート
⚠	CR-WZ0242FC02	AR	EV	N	B	Dry heater (20W 1.0KΩ)(100V)	ジョシツ ヒーター
⚠	CR-WZ0243FC02	AR	EV	N	B	Dry heater (20W 1.2KΩ)(110V)	ジョシツ ヒーター
⚠	CR-WZ0244FC02	AR	EV	N	B	Dry heater (20W 1.35KΩ)(120V)	ジョシツ ヒーター
⚠ 27	CR-WZ0245FC02	AR	EV	N	B	Dry heater (20W 1.6KΩ)(127V)	ジョシツ ヒーター
⚠	CR-WZ0246FC02	AR	EV	N	B	Dry heater (20W 3.9KΩ)(200V)	ジョシツ ヒーター
⚠	CR-WZ0247FC02	AR	EV	N	B	Dry heater (20W 4.7KΩ)(220V)	ジョシツ ヒーター
⚠	CR-WZ0248FC02	AR	EV	N	B	Dry heater (20W 5.6KΩ)(240V)	ジョシツ ヒーター
28	PGiDH0816FCZZ	AC	DE	N	C	CL harness guide A	CLハーネスガイド A
29	DHAi-1185FCZZ	AX	FW	N	C	CL lead harness	CLリードハーネス
	ユニット (Unit)						
901	CLNS-0027FC31	CE	UJ	N	E	Lens unit	ズームレンズユニット

19 暗箱ユニット(Dark box unit)

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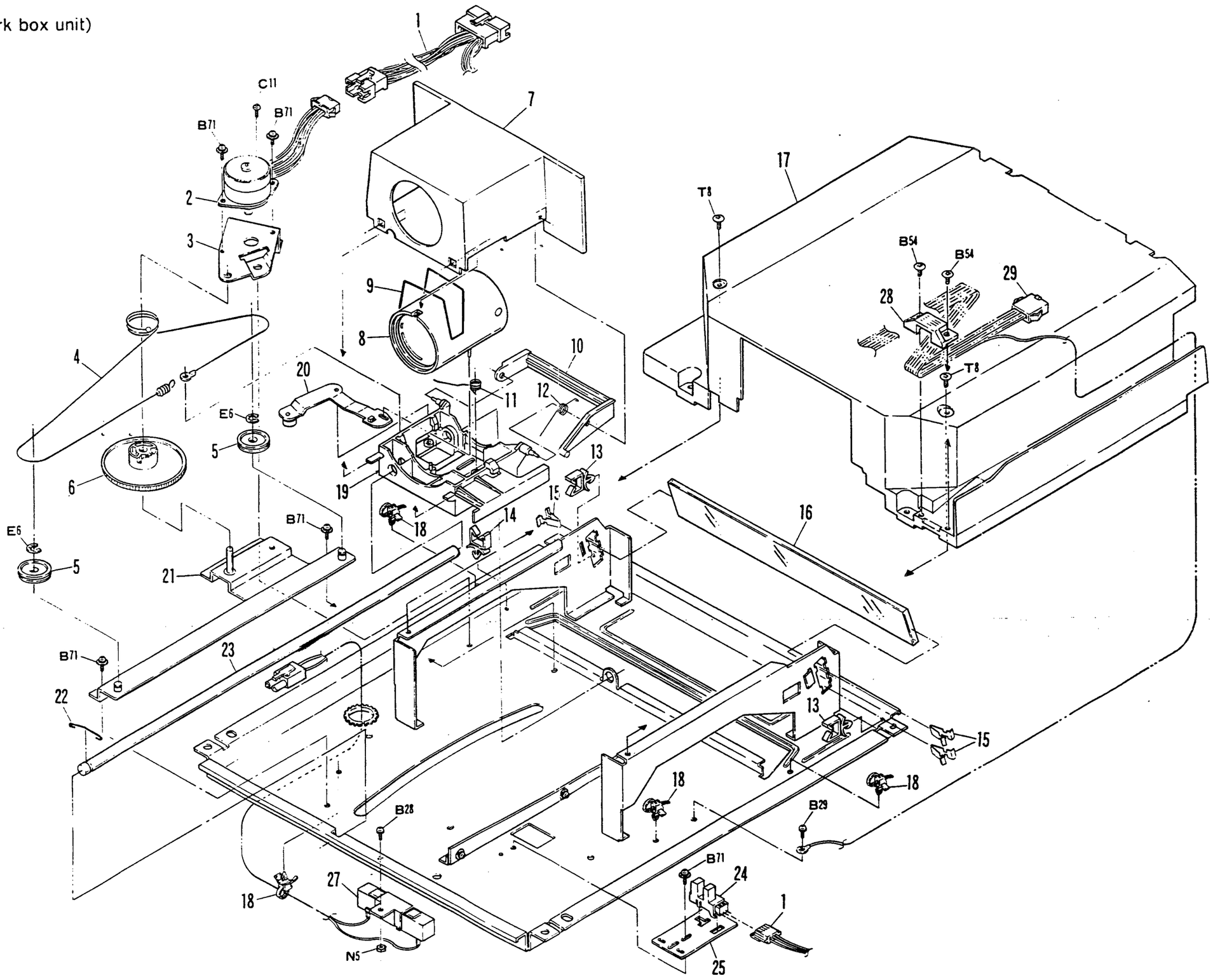

20 カセット(250枚)(Cassette (250sheets))

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	TLABH1561FCZZ	AE	DJ		C	Cassette instruction label	カセットセツメイラベル
2	PFTA-0059FCZZ	AT	FH		D	Cassette cover (A3,B4,11×17,RG,UC)	カセット フタ C4
	PFTA-0045FCZZ	AR	EW		D	Cassette cover S (A4R,LT-R,A5,B5R,HC,Invoice)	カセット フタ S
3	PFTA-0060FCZZ	AM	EF	N	D	Cassette cover	カセツトフタ B4
4	TLABZ1322FCZZ	AC	DD		C	Label 250	シジセンラベル 250
5	CPLTM1903FC01	AP	EL		C	Cassette side plate R	カセット ソクバン R
6	PSHEZ1538FCZZ	AD	DH		C	Cassette sheet L (A3,B4,11×17)	カセット クラリーノ L
	PSHEZ0738FCZZ	AD	DG		C	Rotation plate sheet L (RG,A4R,Invoice,LT-R,A5,B5R)	カセットカイテンシート L
8	LPLTM2079FCZZ	AQ	EU		C	A3,cassette plate	A3 カイテンバン
	LPLTM2077FCZZ	AR	EX		C	11×17 Cassette plate (Option)	11X17 カイテンバン
	LPLTM2080FCZZ	AR	EZ		C	B4 cassette plate	B4 カイテンバン
	LPLTM2239FCZZ	AQ	ET	N	C	A4R,A5 Cassette plate	A4R,A5 カイテンバン
	LPLTM2082FCZZ	AQ	ES		C	B5R Cassette plate (Option)	B5R カイテンバン
	LPLTM2238FCZZ	AP	EQ	N	C	LT-R・RG Cassette plate	LT-R・RGカイテンバン
	CPLTM2238FC01	AR	EW	N	C	Invoice Cassette plate (Option)	インボイスカイテンバン
9	LFIX-0251FCZZ	AE	DK		C	250 cassette fixing plate	250カセゴハシオサエ
10	LPLTM1593FCZZ	AD	DG		C	Rear plate (A3,B4,11×17,RG,UC,B5R,LT-R)	コウタンイタ
	LPLTM2240FCZZ	AD	DF	N	C	Rear plate (A4R,Invoice,A5)	コウタンイタ C
11	CPLTM1902FC01	AP	EL		C	Cassette side plate F	カセット ソクバン F
12	TLABZ1610FCZZ	AB	DB		C	A3 cassette size label	A3 カセットサイズラベル
	TLABZ1614FCZZ	AB	DB		C	LT-R cassette size label	LT-R カセットサイズラベル
	TLABZ1616FCZZ	AB	DB		C	11×17 cassette size label (Option)	11X17 カセットサイズラベル
	TLABZ1611FCZZ	AB	DB		C	B4 cassette size label	B4 カセットサイズ ラベル
	TLABZ1615FCZZ	AB	DB		C	RG cassette size label	RG カセットサイズ ラベル
	TLABZ1612FCZZ	AB	DB		C	A4R cassette size label	A4R カセットサイズ ラベル
	TLABZ1613FCZZ	AB	DB		C	B5R cassette size label (Opion)	B5R カセットサイズ ラベル
	TLABZ1680FCZZ	AB	DB	N	C	Invoice cassette size label (Opion)	インボイス カセットサイズラベル
	TLABZ1679FCZZ	AB	DB	N	C	A5 cassette size label (Opion)	A5 カセットサイズラベル
13	GCASP0127FCZZ	AV	FN		D	Cassette 250 (A3,B4,11×17,RG,UC)	カセット 250
	GCASP0128FCZZ	AT	FG	N	D	Cassette 250 (A4R,invoice LT-R,A5,B5R,HC)	カセット 250
14	PSEL-0132FCZZ	AA	DA		C	Cassette spring fixing seal	カセットスプリング コテイシール
15	MSPRC1031FCZZ	AC	DE		C	Cassette spring (A3,B4,11×17)	カセット スプリング
	MSPRC1057FCZZ	AB	DC		C	Cassette spring (RG,A4R,invoice,LT-R,A5,B5R)	カセット スプリング
16	MLEVF0138FCBZ	AB	DB		C	Cassette lever	カセットケンチレバー
17	PSHEP1325FCZZ	AB	DB		C	Sheet (A4R only)	ゲートセンタンマイラー
	PSHEP1323FCZZ	AB	DB		C	Cassette spring sheet (Other cassette)	カセットスプリングシート
18	NSFTZ0622FCZZ	AB	DC		C	Cassette holde shaft (UC)	カイテンイタ シジジク
19	PSHEP1286FCZZ	AE	DK		C	UC cassette rear sheet	UC カセットコウタン ホジョシート
20	CPLTM1901FC01	AP	EL		C	UC side plate R	UC ソクバン R
21	PSHEZ1538FCZZ	AD	DH		C	Cassette sheet	カセット クラリーノダイ
22	PSHEP1410FCZZ	AB	DC		C	UC rotation sheet	UC カイテンイタ マイラー
23	TLABZ1463FCZZ	AB	DC		C	UC cassette size label (AB)	UC カセットサイズラベル (AB)
24	CPLTM2076FC01	AU	FJ		C	UC cassette plate	UC カイテンバン
25	TLABZ1465FCZZ	AB	DC		C	UC cassette size label (AI)	UC カセットサイズラベル (AI)
26	TLABZ1464FCZZ	AB	DC		C	UC cassette size label (IN)	UC カセットサイズラベル (IN)
27	LPLTM1594FCZZ	AC	DD		C	UC rear plate B	UC コウタンイタ B
28	TLABZ1620FCZZ	AB	DB		C	UC cassette size label	UC カセットサイズラベル
29	PCOVH0624FCZZ	AF	DN		C	UC rear plate cover	UC コウタンイタ カバー
30	MSLIM0035FCZZ	AC	DE		C	UC slider	UCヨウ スライダー
31	CPLTM1900FC01	AP	EL		C	UC side plate F	UC ソクバン F
32	MSPRC1031FCZZ	AC	DE		C	Cassette spring S	カセツト スプリング S
33	NGERH0193FCZZ	AB	DC		C	Manual feed gear	テサシ ギヤー
34	NGERR0316FCZZ	AE	DK		C	UC gear	UC ラ・ク
35	PCOVH0623FCZZ	AG	DR		C	UC bottom cover	UC ソコカバー
36	LFIX-0252FCZZ	AE	DJ		C	UC rear fixing	UC コウタンオサエ
37	PGUMS0138FCZZ	AB	DB		C	Rubber	ケイシーボウンゴム
38	TLABH1410FCZZ	AB	DB		C	UC label (Australia)	UC ガイドホカン ラベル
	TLABH1411FCZZ	AB			C	UC label (E.F.G.S)	UC ガイドホカン ラベル
39	PSPAZ0337FCZZ	AA	DA		C	UC slide spacer	UC スライドスペーサー
40	TLABH1394FCZZ	AC	DD		C	UC cassette label (Australia)	UC カセット トセツメイ ラベル
	TLABH1395FCZZ	AD	DH		C	UC cassette label (E.F.G.S)	UC カセット トセツメイ ラベル
	ユニット (Unit)						
901	CCASP0127FC61	BG	HN	N	E	A3 cassette unit (Japan,U.Kingdom,SEEG)	A3 カセット ユニット
	CCASP0127FC62	BH	HP	N	E	B4 cassette unit (Japan)	B4 カセット ユニット
	CCASP0127FC63	BH	HP	N	E	11×17 cassette unit (Option)	11X17 カセット ユニット
	CCASP0127FC64	BF	HF	N	E	RG cassette unit (USA,Canada)	リーガル カセット ユニット
	CCASP0128FC51	BC	GQ	N	E	HC cassette unit (Option)	ハケキ カセット ユニット
	CCASP0128FC52	BF	HD	N	E	A4R cassette unit (U.Kingdom,Australia,SEEG)	A4R カセット ユニット
	CCASP0128FC53	BF	HD	N	E	Invoice cassette unit (Option)	インボイス カセット ユニット
	CCASP0128FC54	BE	HC	N	E	LT-R cassette unit (USA,Canada)	LT-R カセット ユニット
	CCASP0128FC55	BG	HL	N	E	A5 cassette unit (Option)	A5 カセット ユニット
	CCASP0128FC56	BG	HK	N	E	B5R cassette unit (Option)	B5R カセット ユニット
902	CCASP0127FC65	BL	LC	N	E	UC cassette unit (Australia)	UC カセット ユニット
	CCASP0127FC66	BL	LC	N	E	UC cassette unit (E.F.G.S)	UC カセット ユニット

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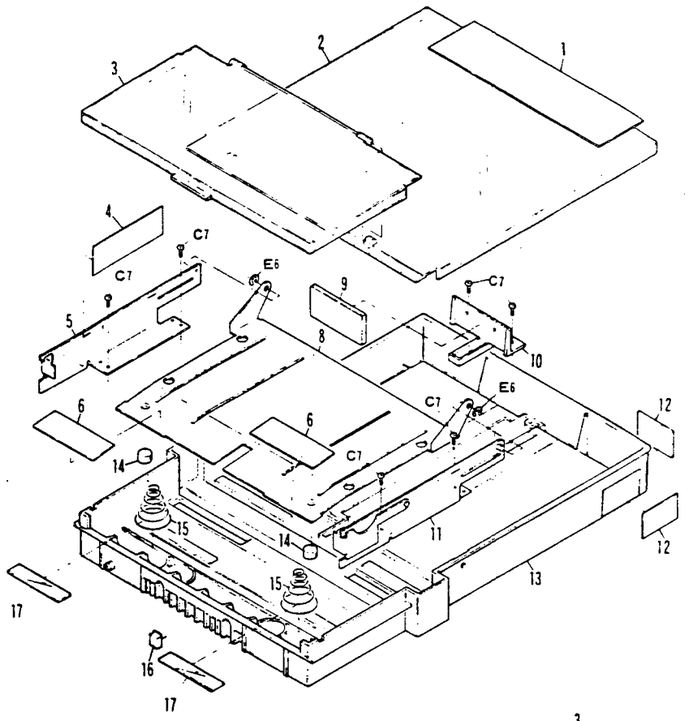
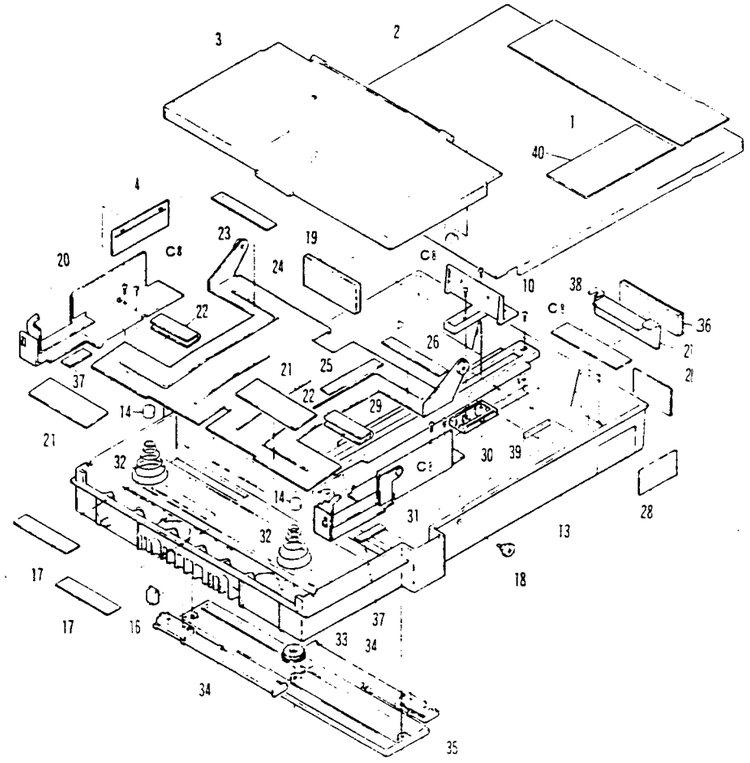
20 カセット(250枚)(Cassette (250sheets))

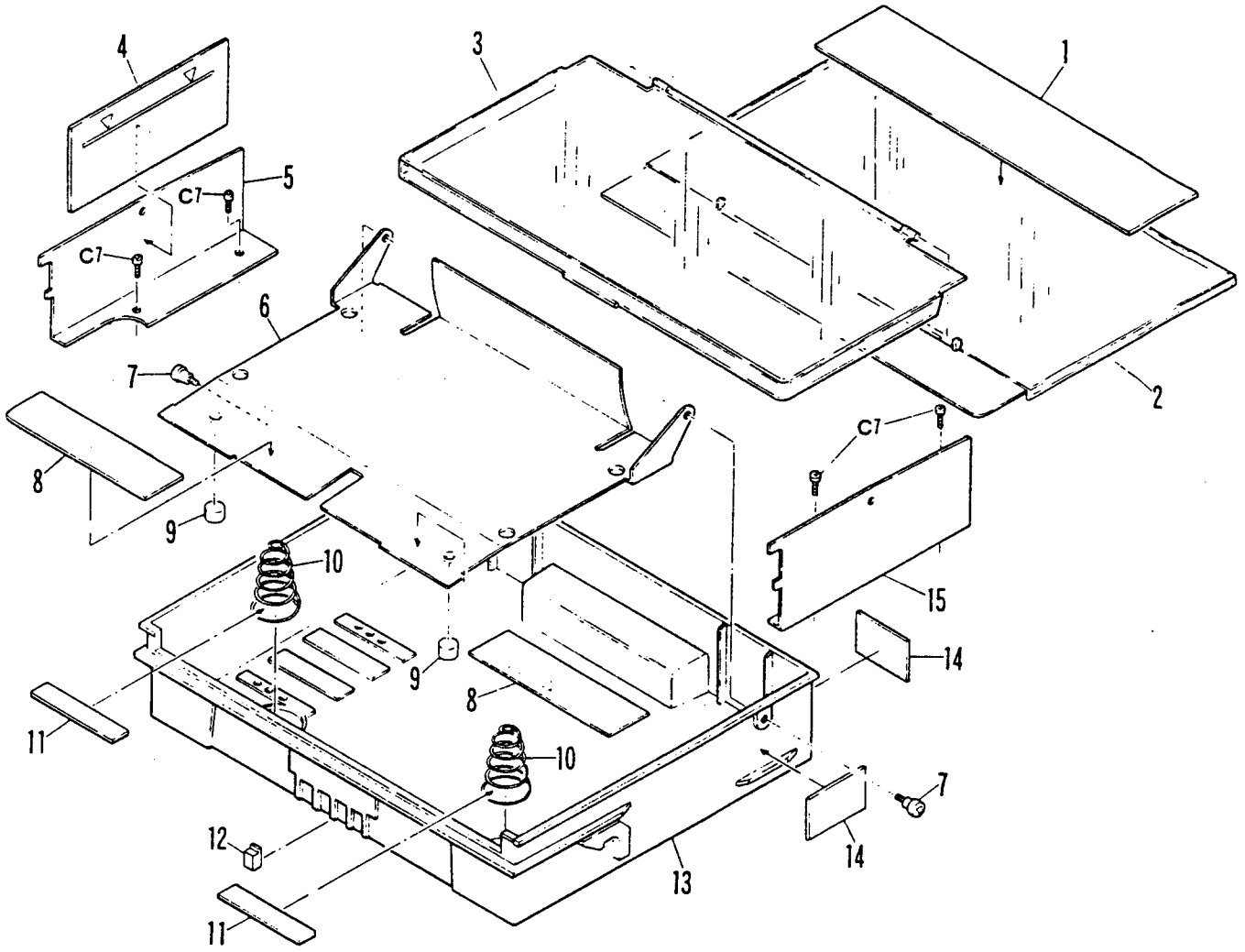


UCカセット(UC cassette)



21 カセット(500枚)(Cassette (500sheets))

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	TLABH1561FCZZ	AE	DJ		C	Cassette instruction label	カセットセツメイラベル
2	PFTA-0045FCZZ	AR	EW		D	Cassette cover S	カセットフタ S B2
3	PFTA-0051FCZZ	AM	ED		D	Cassette plate cover S	カセット カイテンフタ S
4	TLABZ1323FCZZ	AD	DF		C	Label 500	シジセンラベル 500
5	CPLTM2044FC01	AM	EF		C	Cassette side plate 500R	カセットソクイタ 500R
6	LPLTM2045FCZZ	AT	FG		C	A4 rotation plate 500 (Japan,SEEG,U.Kingdom,Australia)	A4 カイテンバン 500
	LPLTM2046FCZZ	AT	FF		C	B5 rotation plate 500 (Japan)	B5 カイテンバン 500
	LPLTM2047FCZZ	AT	FG		C	LT rotation plate 500 (USA,CANADA)	レター(LT) カイテンバン
7	NSFTZ0622FCZZ	AB	DC		C	Cassette holde shaft	カイテンジク
8	PSHEZ1538FCZZ	AD	DH		C	A4,B5,LT cassette sheet L	A4,B5,LT カセットクラリーノ L
9	PSEL-0132FCZZ	AA	DA		C	Cassette spring fixing seal	カセットスプリングコテイシール
10	MSPRC1044FCZZ	AC	DC		C	A4,LT cassette spring large (Export)	A4,LT カセットスプリングダイ
	MSPRC1045FCZZ	AC	DC		C	A4,B5 cassette spring small (Japan)	A4,B5 カセットスプリングショウ
11	PSHEP1323FCZZ	AB	DB		C	Cassette spring sheet	カセットスプリングシート
12	MLEVF0138FC8Z	AB	DB		C	Cassette lever	カセットケンチンバー
13	GCASP0124FCZZ	AV	FL		D	Cassette 500	カセット 500
14	TLABZ1617FCZZ	AB	DB		C	A4 cassette size label (Japan,SEEG,U.Kingdom,Australia)	A4 カセットサイズ ラベル
	TLABZ1618FCZZ	AB	DB		C	B5 cassette size label (Japan)	B5 カセットサイズ ラベル
	TLABZ1619FCZZ	AB	DB		C	LT cassette size label (USA,CANADA)	レター(LT) カセットサイズラベル
15	CPLTM2043FC01	AM	EF		C	Cassette side plate 500F	カセットソクイタ 500F
	ユニット (Unit)						
901	CCASP0124FC55	BE	HC	N	E	A4 cassette unit (SEEG,U.Kingdom,Australia)	A4 カセットユニット
	CCASP0124FC56	BG	HJ	N	E	B5 cassette unit (Japan)	B5 カセットユニット
	CCASP0124FC57	BG	HK	N	E	Letter (LT) cassette unit (USA,CANADA)	レター(LT) カセットユニット
	CCASP0124FC58	BG	HK	N	E	A4 cassette unit (Japan)	A4 カセットユニット



22 メイン基板(Main PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
1	LX-NZ0049FCZZ	AA	DA		C	Nut		ナット
2	PCOVW0700FCZZ	AD	DF	N	C	Main PWB battery cover		メインキバンバッテリーカバー
3	QCNCM0077FCZZ	AF	DL		C	Connector (18pin)	[CN-G]	コネクター
4	QCNCM0109FCZZ	AN	EG		C	Connector (40pin)	[CN-B]	コネクター
5	QCNCM0161FCZZ	AC	DD		C	Connector (7pin)	[CN-A]	コネクター
6	QCNCM0199FCZZ	AD	DF	N	C	Connector (10pin)	[CN-F]	コネクター
7	QCNCM0204FCZZ	AE	DH	N	C	Connector (15pin)	[CN-D]	コネクター
8	QCNCM0234FCZZ	AG	DT	N	C	Connector (30pin)	[CN-E]	コネクター
9	QCNCM0235FCZZ	AH	DV	N	C	Connector (34pin)	[CN-C]	コネクター
10	QSW-Z1066HCZZ	AH	DX		B	Dip switch	[SW101]	ディプスイッチ
11	RC-CZ0246FCZZ	AF	DN		C	Capacitor (CSA7.37MT)	[X101,BC101]	コンデンサー
12	RC-QZ0117FCZZ	AD	DH		C	Capacitor (0.47μF)	[C159]	コンデンサー
13	RH-DZ0016FCZZ	AB	DB		B	Diode (MA700)	[D112,153,154]	ダイオード
14	RMPTC3272QCKB	AA	DA		B	Block resistor (2.7KΩ×3 1/8W ±10%)	[BR107]	ブロックテイコウ
15	RMPTC4103QCKB	AC	DD		B	Block resistor (10KΩ×4 1/8W ±10%)	[BR118,122]	ブロックテイコウ
16	RMPTC4472QCKB	AB	DD		B	Block resistor (4.7KΩ×4 1/8W ±10%)	[BR114]	ブロックテイコウ
17	RMPTC5272QCKB	AB	DC		B	Block resistor (2.7KΩ×5 1/8W ±10%)	[BR101,104]	ブロックテイコウ
18	RMPTC6272QCKB	AB	DD		B	Block resistor (2.7KΩ×6 1/8W ±10%)	[BR103]	ブロックテイコウ
19	RMPTC8103QCKB	AD	DH		B	Block resistor (10KΩ×8 1/8W ±10%)	[BR105,106,109,115]	ブロックテイコウ
20	RMPTW3223QCKE	AB	DC		B	Block resistor (22KΩ×3)	[BR119]	ブロックテイコウ
21	RMPTW3562QCKE	AB	DC		B	Block resistor (5.6KΩ×3)	[BR110,116,117,120,121]	ブロックテイコウ
22	RMPTW4222QCKE	AC	DD		B	Block resistor (2.2KΩ×4)	[BR108]	ブロックテイコウ
23	RMPTW4562QCKE	AC	DD		B	Block resistor (5.6KΩ×4)	[BR102,111]	ブロックテイコウ
24	RR-DZ0255FCZZ	AE	DK		B	Block resistor (1.2KΩ×8)	[BR112,113]	ブロックテイコウ
25	RR-NZ0316FCZZ	AA	DA		C	Resistor (1.5KΩ)	[R102]	テイコウ
26	RR-NZ0317FCZZ	AA	DA		C	Resistor (4.7KΩ)	[R101]	テイコウ
27	UBATL0004FCZZ	AK	DX		A	Battery	[BT101]	リチウムデンチ
28	VCCCPU1HH221J	AC	DD		C	Capacitor (50WV 220pF)	[C126]	コンデンサー
29	VCEAGU1AW477M	AC	DD		C	Capacitor (10WV 470μF)	[C135]	コンデンサー
30	VCEAGU1CW477M	AC	DD		C	Capacitor (16WV 470μF)	[C133]	コンデンサー
31	VCEAGU1VW477M	AD	DF		C	Capacitor (35WV 470μF)	[C137]	コンデンサー
32	VCKYPU1HB102K	AA	DA		C	Capacitor (50WV 1000pF)	[C102,107~117,132,140]	コンデンサー
	VCKYPU1HB102K	AA	DA		C	Capacitor (50WV 1000pF)	[C142~144,153,157]	コンデンサー
33	VCKYPU1HB331K	AA	DA		C	Capacitor (50WV 330pF)	[C145,147~149]	コンデンサー
34	VCKYPU1HF223Z	AA	DB		C	Capacitor (50WV 0.022μF)	[C101,118,119,121~125]	コンデンサー
	VCKYPU1HF223Z	AA	DB		C	Capacitor (50WV 0.022μF)	[C127~131,134,136,138]	コンデンサー
	VCKYPU1HF223Z	AA	DB		C	Capacitor (50WV 0.022μF)	[C139,146,152,160]	コンデンサー
35	VCQYKU1HM103K	AB	DB		C	Capacitor (50WV 0.01μF)	[C156]	コンデンサー
36	VCQYKU1HM104K	AB	DD		C	Capacitor (50WV 0.10μF)	[C103~106,158]	コンデンサー
37	VCQYKU1HM223K	AB	DB		C	Capacitor (50WV 0.022μF)	[C155]	コンデンサー
38	VCQYKU1HM473K	AB	DB		C	Capacitor (50WV 0.047μF)	[C151]	コンデンサ
39	VCQYKU1HM682K	AB	DB		C	Capacitor (50WV 6800pF)	[C141]	コンデンサー
40	VCSATU1AE476M	AF	DR		C	Capacitor (10WV 47μF)	[C120]	コンデンサー
41	VCSATU1EE335K	AD	DH		C	Capacitor (25WV 3.3μF)	[C150,154]	コンデンサー
42	VHDW06B////-1	AE	DH		B	Diode (W06B)	[D133]	ダイオード
43	VHD1S2473VH-1	AA	DA		B	Diode (1S2473VH)	[D101~111,113~116,119~129]	ダイオード
	VHD1S2473VH-1	AA	DA		B	Diode (1S2473VH)	[D131,134~140,142~152]	ダイオード
44	VHEHZ4C2///-1	AB	DB		B	Zener diode (HZ4C2)	[ZD101~103]	ツェナーダイオード
45	VHEHZ6A1///-1	AB	DB		B	Zener diode (HZ6A1)	[ZD104,105]	ツェナーダイオード
46	VHiD8255AC5-1	AX	FV		B	LSI (D8255AC5)	[IC114,115]	LSI
47	VHiHD14016B-1	AF	DM		B	IC (HD14016B)	[IC127]	IC
48	VHiiR2C07//-1	AG	DT		B	IC (IR2C07)	[IC106,107,113]	IC
49	VHiiR2C23//-1	AF	DP		B	IC (IR2C23)	[IC110]	IC
50	VHiiR2339//-1	AG	DT		B	IC (IR2339)	[IC126]	IC
51	VHiiR3702//-1	AG	DS		B	IC (IR3702)	[IC105]	IC
52	VHiLH510145-1	AR	EW		B	IC (LH510145)	[IC129]	IC
53	VHiM54526P/-1	AH	DS		B	IC (M54526P)	[IC103,108,118]	IC
54	VHiM54537P/-1	AH	DS		B	IC (M54537P)	[IC102,111,117,119,131]	IC
55	VHiM54565P200	AG	DT		B	IC (M54565P200)	[IC109]	IC
56	VHiNE555///-1	AG	DX		B	IC (NE555)	[IC130]	IC
57	VHiSN74LS33-1	AE	DS		B	IC (SN74LS33)	[IC132]	IC
58	VHiSTA401A/-1	AP	EM		B	IC (STA401A)	[IC112]	IC
59	VHiTA78L020AP	AE	DL		B	IC (TA78L020AP)	[IC104]	IC
60	VHiTC40H000P1	AF	DQ		B	IC (TC40H00P1)	[IC128]	IC
61	VHiTC74HC02P1	AE	DJ		B	IC (TC74HC02P1)	[IC120]	IC
62	VHiTC74HC373P	AM	EE		B	IC (TC74HC373P)	[IC124]	IC
63	VHiTC74HC374P	AP	EP		B	IC (TC74HC374P)	[IC123]	IC
64	VHiT74LS139-C	AF	DP		B	IC (T74LS139)	[IC122]	IC
65	VHiT74LS32/-C	AE	DH		B	IC (T74LS32)	[IC121]	IC
66	VHiT7445///-C	AK	EA		B	IC (T7445)	[IC101]	IC
67	VHiUPD7811G-1	BC	GR		B	IC (UPD7811G)	[IC116]	IC
68	VHi27128-09FC	AV	FN	N	B	IC (27128)	[IC125]	IC
69	VRD-ST2EY101J	AA	DA		C	Resistor (1/4W 100Ω ±5%)	[R133]	テイコウ
70	VRD-ST2EY102J	AA	DB		C	Resistor (1/4W 1KΩ ±5%)	[R114,120,121,125]	テイコウ
71	VRD-ST2EY103J	AA	DA		C	Resistor (1/4W 10KΩ ±5%)	[R131,146,152,156~159]	テイコウ
	VRD-ST2EY103J	AA	DA		C	Resistor (1/4W 10KΩ ±5%)	[R164,166]	テイコウ
72	VRD-ST2EY104J	AA	DA		C	Resistor (1/4W 100KΩ ±5%)	[R137]	テイコウ
73	VRD-ST2EY105J	AA	DA		C	Resistor (1/4W 1.0MΩ ±5%)	[R105]	テイコウ
74	VRD-ST2EY202J	AA	DA		C	Resistor (1/4W 2KΩ ±5%)	[R161]	テイコウ
75	VRD-ST2EY221J	AA	DA		C	Resistor (1/4W 220Ω ±5%)	[R136,163]	テイコウ

22 メイン基板(Main PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
76	VRD-ST2EY222J	AA	DA		C	Resistor (1/4W 2.2KΩ ±5%)	[R165]	テイコウ
77	VRD-ST2EY223J	AA	DA		C	Resistor (1/4W 22KΩ ±5%)	[R115,128,134,160]	テイコウ
78	VRD-ST2EY272J	AA	DA		C	Resistor (1/4W 2.7KΩ ±5%)	[R123,124,153,154]	テイコウ
79	VRD-ST2EY273J	AA	DA		C	Resistor (1/4W 27KΩ ±5%)	[R127]	テイコウ
80	VRD-ST2EY331J	AA	DA		C	Resistor (1/4W 330Ω ±5%)	[R103]	テイコウ
81	VRD-ST2EY472J	AA	DA		C	Resistor (1/4W 4.7KΩ ±5%)	[R122,132,139]	テイコウ
82	VRD-ST2EY473J	AA	DA		C	Resistor (1/4W 47KΩ ±5%)	[R129]	テイコウ
83	VRD-ST2EY563J	AA	DA		C	Resistor (1/4W 56KΩ ±5%)	[R155]	テイコウ
84	VRD-ST2EY565J	AA	DA		C	Resistor (1/4W 5.6MΩ ±5%)	[R106,111]	テイコウ
85	VRD-ST2EY681J	AA	DA		C	Resistor (1/4W 680Ω ±5%)	[R104]	テイコウ
86	VRD-ST2EY911J	AA	DA		C	Resistor (1/4W 910Ω ±5%)	[R135]	テイコウ
87	VRN-RC2EK6A1F	AA	DA	N	C	Resistor (1/4W 604Ω ±1%)	[R109]	テイコウ
88	VRN-RC2EK7B1F	AA	DA	N	C	Resistor (1/4W 732Ω ±1%)	[R107]	テイコウ
89	VRN-RT2EK102F	AB	DH		C	Resistor (1/4W 1.0KΩ ±1%)	[R138,140,141,151]	テイコウ
90	VRN-RT2EK103F	AB	DH		C	Resistor (1/4W 10KΩ ±1%)	[R162]	テイコウ
91	VRN-RT2EK123F	AB	DB		C	Resistor (1/4W 12KΩ ±1%)	[R119]	テイコウ
92	VRN-RT2EK152F	AC	DH		C	Resistor (1/4W 1.5KΩ ±1%)	[R113]	テイコウ
93	VRN-RT2EK183F	AB	DB		C	Resistor (1/4W 18KΩ ±1%)	[R143]	テイコウ
94	VRN-RT2EK243F	AB	DB		C	Resistor (1/4W 24KΩ ±1%)	[R118]	テイコウ
95	VRN-RT2EK274F	AB	DB		C	Resistor (1/4W 270KΩ ±1%)	[R147]	テイコウ
96	VRN-RT2EK392F	AB	DB		C	Resistor (1/4W 3.9KΩ ±1%)	[R150]	テイコウ
97	VRN-RT2EK473F	AB	DB		C	Resistor (1/4W 47KΩ ±1%)	[R117]	テイコウ
98	VRN-RT2EK512F	AB	DH		C	Resistor (1/4W 5.1KΩ ±1%)	[R108,110,112]	テイコウ
99	VRN-RT2EK622F	AB	DB		C	Resistor (1/4W 6.2KΩ ±1%)	[R130]	テイコウ
100	VRN-RT2EK624F	AB	DB		C	Resistor (1/4W 620KΩ ±1%)	[R145]	テイコウ
101	VRN-RT2EK752F	AB	DB		C	Resistor (1/4W 7.5KΩ ±1%)	[R144]	テイコウ
102	VSJA101-///-1	AB	DB		B	Transistor (JA101)	[Q103]	トランジスター
103	VS2SA673A//-1	AD	DH		B	Transistor (2SA673A)	[Q105]	トランジスター
104	VS2SB621AR/SC	AD	DH		B	Transistor (2SB621AR)	[Q101]	トランジスター
105	VS2SC1472K/-1	AE	DL		B	Transistor (2SC1472K)	[Q102]	トランジスター
106	TLABZ1685FCZZ	AA	DA		C	P-ROM label		P-ROM ラベル
	ユニット (Unit)							
901	CPWBN0532FC51	CA	TZ	N	E	Main PWB		メインキバン

23 ノイズフィルター基板(Noise filter PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	DHAi-1198FCZZ	AD	DF	N	C	Noise filter harness (100V series)	ノイズフィルター ハーネス
1	DHAi-1197FCZZ	AE	DH	N	C	Noise filter harness (200V series)	ノイズフィルター ハーネス
2	LBNDJ0013FCZZ	AA	DA		C	Wire band	ワイヤーバンド
3	QTANP0046FCZZ	AA	DA		C	Terminal	タンシ
4	QTANP0093FCZZ	AB	DB	N	C	Terminal	タンシ
5	RC-KZ0046FCZZ	AE	DH		C	Capacitor (100V series)	コンデンサー
5	RC-KZ0248FCZZ	AD	DF		C	Capacitor (200V series)	コンデンサー
6	RC-QZ0022FCZZ	AK	DY		C	Capacitor(125WV 4700PF) (100V series)	コンデンサー
6	RC-QZ0260FCZZ	AH	DU		C	Capacitor (200V series)··SEEG only	コンデンサー
6	RC-QZ0188FCZZ	AF	DQ		C	Capacitor (200V series)··Except SEEG	コンデンサー
7	RCiLF0041FCZZ	AQ	ET	N	C	Coil (Japan)	コイル
7	RCiLF0027FCZZ	AQ	EW		C	Coil (Export)	コイル
8	RCiLF0031FCZZ	AR	EZ		C	Coil (200V series)	コイル
9	VRD-ST2EY105J	AA	DA		C	Resistor(1/4W 1MΩ ±5%) (100V series)	テイコウ
9	VRD-ST2EY474J	AA	DA		C	Resistor(1/4W 470KΩ ±5%) (200V series)··Except SEEG	テイコウ
	ユニット (Unit)						
901	CPWBF0539FC51	AT	FG	N	E	Noise filter PWB (100V/110V)··Japan	ノイズフィルター キバン
901	CPWBF0539FC52	AX	FU	N	E	Noise filter PWB (120V/127V)··USA,Canada	ノイズフィルター キバン
901	CPWBF0540FC51	BB	GN	N	E	Noise filter PWB (200V series)··Except SEEG	ノイズフィルター キバン
901	CPWBF0540FC52	BC	GR	N	E	Noise filter PWB (200V series)··SEEG only	ノイズフィルター キバン

24 コピーランプレギュレーター基板(CL-Regulator PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
1	PRDAR0041FCZZ	AG	DT	N	C	CL-R heat sink		CL-R ホウネツバン
2	QCNCM0043FCZZ	AB	DB		B	Connector (3pin)	[CN-D]	コネクター
3	QCNCM0079FCZZ	AC	DD		B	Connector (3pin)	[CN-A]	コネクター
4	QCNCM0157FCZZ	AB	DB		B	Connector (3pin)	[CN-C]	コネクター
5	QCNCM0158FCZZ	AB	DC		C	Connector (4pin)	[CN-E]	コネクター
6	QCNCM0233FCZZ	AD	DG	N	C	Connector (6pin)	[CN-B]	コネクター
7	QSW-S0288FCZZ	AE	DH	N	B	Slide switch	[SW201]	スライドスイッチ
8	RC-QZ0117FCZZ	AD	DH		C	Capacitor (0.47μF)	[C202,203]	コンデンサー
9	RCiLF0009FCZZ	AN	EG		C	Noise filter coil (100V series)	[L201]	ノイズフィルターコイル
9	RCiLF0042FCZZ	AN	EK	N	C	Noise filter coil (200V series)	[L201]	ノイズフィルターコイル
10	RMPTA0017FCZZ	AE	DK		B	Block resistor (100V series)	[CR201]	ブロック テイコウ

24 コピーランプレギュレーター基板(CL-Regulator PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
10	RMPTA0022FCZZ	AF	DN		B	Block resistor (200V series)	[CR201]	ブロックテイコウ
11	RR-NZ0135FCZZ	AB	DB		B	Block resistor (200V series)		ブロックテイコウ
	RR-WZ0236FCZZ	AD	DH		C	Cement resistor (9.1KΩ)(100V/110V)‥(Japan)	[R203]	セメントテイコウ
12	RR-WZ0237FCZZ	AD	DH		C	Cement resistor (10KΩ)(120V/127V)‥USA,CANADA	[R203]	セメントテイコウ
	RR-WZ0238FCZZ	AE	DK		C	Cement resistor (22KΩ)(200V series)	[R203]	セメントテイコウ
13	RR-XZ0102FCZZ	AD	DH		B	Fuse resistor (100V series)	[FR201]	ヒューズテイコウ
	RR-XZ0103FCZZ	AD	DH		B	Fuse resistor (200V series)	[FR201]	ヒューズテイコウ
14	RTRNL0181FCZZ	AH	DY		B	Pulse transformer	[PT201]	パルストランス
15	RVR-M2530QCZZ	AD	DF		B	Variable resistor	[VR201]	ボリウム
16	RVR-M3330QCZZ	AD	DF		B	Variable resistor	[VR202,203]	ボリウム
17	RVR-M5430QCZZ	AD	DF		B	Variable resistor	[VR204]	ボリウム
18	VCEAGU1VW475M	AA	DA		C	Capacitor (35WV 4.7μF)(100V/60Hz・Export)	[C205]	コンデンサー
	VCEAGU1EW475M	AA	DA		C	Capacitor (25WV 4.7μF)(Other countries)	[C205]	コンデンサー
19	VCEAGU1VW107M	AB	DC		C	Capacitor (35WV 100μF)(Except 120V/127V)	[C207]	コンデンサー
20	VCQYKU1HM103K	AB	DB		C	Capacitor (50WV 0.01μF)	[C204,206,208]	コンデンサー
21	VCQYKU1HM104K	AB	DD		C	Capacitor (50WV 0.1μF)	[C201]	コンデンサー
22	VHDDS1588L2-1	AB	DB		B	Diode (DS1588L2)	[D202]	ダイオード
23	VHDSiRB40Z/-1	AG	DS		B	Diode (SIRB40Z)	[RC201]	ダイオード
24	VHDWO6B////-1	AE	DH		B	Diode (WO6B)	[D201]	ダイオード
25	VHiM67617//-1	AV	FN		B	IC (M67617)	[IC201]	IC
26	VHPPC817///-1	AF	DP		B	Photo Coupler (PC817)	[PC201,202]	フォトカプラー
27	VHSAC12DSM/-1	AK	DY		B	Thyristor (100V series)	[TD201]	サイリスター
	VHSAC08FSM/-1	AK	EA		B	Thyristor (200V series)	[TD201]	サイリスター
28	VRD-ST2EY102J	AA	DB		C	Resistor (1/4W 1KΩ ±5%)	[R204]	テイコウ
29	VRD-ST2EY103J	AA	DA		C	Resistor (1/4W 10KΩ ±5%)	[R211,212]	テイコウ
30	VRD-ST2EY683J	AA	DB		C	Resistor (1/4W 68KΩ ±5%)	[R210]	テイコウ
31	VRN-RT2EK184F	AB	DB		C	Resistor (1/4W 180KΩ ±1%)	[R214]	テイコウ
32	VRN-RT2EK204F	AB	DB		C	Resistor (1/4W 200KΩ ±1%)(100V series)	[R201,202]	テイコウ
33	VRN-RT2EK223F	AB	DB		C	Resistor (1/4W 22KΩ ±1%)	[R207]	テイコウ
34	VRN-RT2EK242F	AB	DB		C	Resistor (1/4W 2.4KΩ ±2%)	[R217]	テイコウ
35	VRN-RT2EK243F	AB	DB		C	Resistor (1/4W 24KΩ ±1%)	[R208]	テイコウ
36	VRN-RT2EK274F	AB	DB		C	Resistor (1/4W 270KΩ ±1%)	[R205]	テイコウ
37	VRN-RT2EK682F	AB	DH		C	Resistor (1/4W 6.8KΩ ±1%)	[R215]	テイコウ
38	VRN-RT2EK753F	AB	DB		C	Resistor (1/4W 75KΩ ±1%)	[R209]	テイコウ
39	VRN-RT2EK822F	AB	DB		C	Resistor (1/4W 8.2KΩ ±1%)	[R213]	テイコウ
40	VRN-RT2EK913F	AB	DB		C	Resistor (1/4W 91KΩ ±1%)	[R216]	テイコウ
41	XBPSD30P06000	AA	DA		C	Screw (3×6)		ビス
42	XBPSD30P08000	AA	DA		C	Screw (3×8)		ビス
43	XNESD30-24000	AA	DA		C	Nut (3NS)		ナット
	ユニット (Unit)							
	CPWBF0535FC51	BH	HS	N	E	CL-regulator PWB (100V/50Hz)‥Japan		CL-R キバン
	CPWBF0535FC52	BH	HS	N	E	CL-regulator PWB (100V/60Hz)‥Japan		CL-R キバン
	CPWBF0535FC53	BH	HS	N	E	CL-regulator PWB (100V/50Hz)‥Export		CL-R キバン
901	CPWBF0535FC54	BH	HS	N	E	CL-regulator PWB (100V/60Hz)‥Export		CL-R キバン
	CPWBF0535FC55	BH	HR	N	E	CL-regulator PWB (120V.127V)‥USA,CANADA		CL-R キバン
	CPWBF0535FC56	BH	HR	N	E	CL-regulator PWB(200V series/50Hz)‥Australia,SEEG,U.Kingdom		CL-R キバン
	CPWBF0535FC57	BH	HR	N	E	CL-regulator PWB (200V series/60Hz)		CL-R キバン

25 リレー基板(Relay PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	DHAi-1196FCZZ	AR	EX	N	C	Relay PWB harness MIX	リレーキバンハーネス MIX
2	DHAi-1175FCZZ	AH	DV	N	C	Relay PWB harness AC (100V series)	リレーキバンハーネス AC
	DHAi-1201FCZZ	AH	DV	N	C	Relay PWB harness AC (200V series)	リレーキバンハーネス AC
3	LBNDJ0013FCZZ	AA	DA		C	Wire band	ワイヤーバンド
4	LHLDW1011ACZZ	AC	DE		C	Wire holder (CKS-10L)(200V series)	クランプ
5	QCNCM0160FCZZ	AC	DD		C	Connector (6pin)	コネクター
6	QTANN0015FCZZ	AG	DS		C	3P terminal (200V series)	3P タンシ゛タイ
7	RMPTA0017FCZZ	AE	DK		B	Block resistor (100V series)	ブロックテイコウ
	RMPTA0022FCZZ	AF	DN		B	Block resistor (200V series)	ブロックテイコウ
8	RRLYD3322QCZZ	AM	EG		B	Relay	リレー
9	RRLYU0063FCN1	AK	DY		B	Relay (200V series)	リレー
10	RTRNL0181FCZZ	AH	DY		B	Pulse transformer	パルストランス
11	VCKYPU1HF223Z	AA	DB		C	Capacitor (50WV 0.022μF)	コンデンサー
12	VCQYKU1HM104K	AB	DD		C	Capacitor (50WV 0.10μF)	コンデンサー
13	VHDDS1588L2-1	AB	DB		B	Diode (DS1588L2)	ダイオード
14	VHDWO6B////-1	AE	DH		B	Diode (WO6B)	ダイオード
15	VRD-ST2EY103J	AA	DA		C	Resistor (1/4W 10KΩ ±5%)	テイコウ
16	VRD-ST2EY333J	AA	DA		C	Resistor (1/4W 33KΩ ±5%)	テイコウ
17	VRD-ST2EY562J	AA	DB		C	Resistor (1/4W 5.6KΩ ±5%)	テイコウ
18	VSJC501-///-1	AB	DB		B	Transistor (JC501)	トランジスター
19	VS2SD592ANR-1	AD	DH		B	Transistor (2SD592ANR)	トランジスター
	ユニット (Unit)						
901	CPWBF0537FC51	BC	GR	N	E	Relay PWB (100V series)	リレーキバン
	CPWBF0537FC52	BD	GU	N	E	Relay PWB (200V series)	リレーキバン

26 CL-Rスイッチ基板(CL-R Switch PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCM0150FCZZ	AD	DH		C	Connector (4pin)	コネクター
2	QSW-S0238FCZZ	AF	DQ		B	Slide switch (DSSW,AEXCSW)	スライドスイッチ
3	VRN-RT2EK204F	AB	DB		C	Resistor (1/4W 200KΩ ±1%)	テイコウ
4	VRN-RT2EK304F	AB	DB		C	Resistor (1/4W 300KΩ ±1%)	テイコウ
5	VRN-RT2EK754F	AA	DA		C	Resistor (1/4W 750KΩ ±1%)	テイコウ
	ユニット (Unit)						
901	CPWBF0559FC51	AQ	EU	N	E	CL-R switch PWB	CL-R スイッチキバン

27 カセットサイズ検知基板(Cassette size sensor PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	DHAi-1215FCZZ	AC	DD	N	C	CS sensor harness 2	CS センサハーネス 2
2	QSW-P0287FCZZ	AB	DB	N	B	Push switch	プッシュスイッチ
3	VRN-RT2EK123F	AB	DB		C	Resistor (1/4W 12KΩ ±1%)	テイコウ
4	VRN-RT2EK243F	AB	DB		C	Resistor (1/4W 24KΩ ±1%)	テイコウ
5	VRN-RT2EK473F	AB	DB		C	Resistor (1/4W 47KΩ ±1%)	テイコウ
6	VRN-RT2EK622F	AB	DB		C	Resistor (1/4W 6.2KΩ ±1%)	テイコウ
	ユニット (Unit)						
901	CPWBF0542FC51	AV	FM	N	E	Cassette size sensor PWB	カセットサイズセンサ キバン

28 カセットサイズ検知(L)基板(Cassette size sensor(L) PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	DHAi-1199FCZZ	AC	DE	N	C	CS sensor harness	CSセンサハーネス
2	QSW-P0287FCZZ	AB	DB	N	B	Push switch	プッシュスイッチ
3	VRN-RT2EK123F	AB	DB		C	Resistor (1/4W 12KΩ ±1%)	テイコウ
4	VRN-RT2EK243F	AB	DB		C	Resistor (1/4W 24KΩ ±1%)	テイコウ
5	VRN-RT2EK473F	AB	DB		C	Resistor (1/4W 47KΩ ±1%)	テイコウ
6	VRN-RT2EK622F	AB	DB		C	Resistor (1/4W 6.2KΩ ±1%)	テイコウ
	ユニット (Unit)						
901	CPWBF0542FC32	AV	FN	N	E	Cassette size L PWB	カセットサイズ L キバン

29 LED基板(LED PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PSPAZ0341FCZZ	AC	DE	N	C	LED spacer	LEDスペーサー
2	QCNCM0236FCZZ	AM	EE		C	Connector	コネクター
3	QCNW-0116FCZZ	AB	DB	N	C	Lead wire (13pin)	リードワイヤー
4	QSW-P0287FCZZ	AB	DB	N	B	Push switch	プッシュスイッチ
5	QTANP0046FCZZ	AA	DA		C	Terminal	タンシ
6	RLMPM5490QCN2	AE	DH		B	Lamp	ランプ
7	RMPTW3332QCKE	AB	DC		B	Block resistor	ブロックテイコウ
8	RMPTW5332QCKE	AC	DE		B	Block resistor	ブロックテイコウ
9	RMPTC5821QCKB	AB	DC		B	Block resistor (820Ω×5 1/8W ±10%)	ブロックテイコウ
10	VHiM54537P/-1	AH	DS		B	IC (M54537P)	IC
11	VHiM54539//-1	AG	DU		B	IC (M54539)	IC
12	VHPGL8EG22/-1	AB	DB		B	Photo transistor	フォトトランジスター
13	VHPGL8E040/-1	AK	EA		B	Photo transistor	フォトトランジスター
14	VHPGL8E156/-1	AL	EC		B	Photo transistor	フォトトランジスター
15	VHPGL8HD22/-1	AB	DC		B	Photo transistor	フォトトランジスター
16	VRD-ST2EY201J	AA	DA		C	Resistor (1/4W 200Ω ±5%)	テイコウ
17	VRD-ST2EY471J	AA	DA		C	Resistor (1/4W 470Ω ±5%)	テイコウ
18	VRS-PT3AB1R0J	AA	DC		C	Resistor (1W 1Ω ±5%)	テイコウ
	ユニット (Unit)						
⚠ 901	CPWBF0533FC51	BQ	MQ	N	E	LED PWB (Japan)	LED キバン
⚠	CPWBF0533FC52	BQ	MP	N	E	LED PWB (Export)	LED キバン

30 オートEXセンサー基板 (Auto EX sensor PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	VHPBS500B//-1	AL	EA		B	Photo transistor	フォトトランジスター
	ユニット (Unit)						
901	CPWBF0541FC31	AM	EE	N	E	Auto EX sensor PWB	オートEXセンサーキバン

31 ブランクランプ基板(BL PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LHLDZ0744FCZZ	AC	DE	N	C	BCL holder F (AB series)	BCLホルダー F
	LHLDZ0743FCZZ	AC	DE	N	C	BCL holder F (Inch series)	BCL ホルダー F
2	LHLDZ0746FCZZ	AC	DE	N	C	BCL holder R (AB series)	BCL ホルダー R
	LHLDZ0745FCZZ	AC	DE	N	C	BCL holder R (Inch series)	BCL ホルダー R
3	LPLTM2210FCZZ	AD	DH	N	C	BCL adjusting plate	BCL チョウセイイタ
4	PFILW0092FCZZ	AC	DC	N	B	BCL filter (AB series)	BCL フィルター
	PFILW0093FCZZ	AC	DC	N	B	BCL filter (Inch series)	BCL フィルター
5	PSHEP1582FCZZ	AA	DA	N	C	BCL insulator sheet	BCLヨウゼツエンシート
6	QCNCM0055FCZZ	AC	DD		C	Connector (6pin)	コネクター
7	VHPGL8HD22F-1	AC	DD	N	B	LED (GL8HD22F)	LED
8	VRS-ST3AB821J	AA	DA		C	Resistor (1W 820Ω ±5%)	テイコウ
9	XBPSD30P16000	AA	DA		C	Screw (3×16)	ビス
	ユニット (Unit)						
⚠ 901	CPWBF0543FC51	AW	FQ	N	E	BL PWB (AB series)	ブランクランプ キバン
⚠ 901	CPWBF0544FC51	AW	FR	N	E	BL PWB (Inch series)	ブランクランプ キバン

32 除電ランプ基板(DL PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	QCNCM0051FCZZ	AB	DB		B	Connector (2pin)	コネクター
2	RLMPP0320FCZZ	AE	DL		B	Lamp	ランプ
3	VRS-ST3AB6R2J	AA	DA		C	Resistor (1W 6.2Ω ±5%)	テイコウ
	ユニット (Unit)						
901	CPWBF0545FC51	AR	EX	N	E	DL PWB	ジョデンランプ キバン

33 DC電源基板(DC Power supply PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
1	0CBUCZ0097ZZ/	AG	DT		B	Integrated circuit (M5237L)	[IC701,702]	IC
2	0CBUAC0026AZ/	AH	DW	N	B	Transistor (2SC1983)	[Q701]	トランジスタ
3	0CBUAC0127AZ/	AN	EH	N	B	Transistor (2SC2581)	[Q702]	トランジスタ
4	0CBUAD0019DZ/	AF	DN	N	B	Transistor (2SD414)	[Q703]	トランジスタ
5	0CBUAB0035AZ/	AN	EL	N	B	Transistor (2SB912)	[Q704]	トランジスタ
6	0CBUAB0034CZ/	AL	EC	N	B	Transistor (2SB775)	[Q705]	トランジスタ
7	VHDS5VB10//-1	AP	EM		B	Diode (S5VB10)	[D701]	ダイオード(UBB0008AB)
8	VHD1SS133//-1	AA	DA		B	Diode (1SS133)	[D702]	ダイオード(UBA0011AZ)
9	0CBUBB0011AZ/	AF	DN	N	B	Diode (S3V10)	[D703]	ダイオード
10	VHD10E1N///-1	AB	DB		B	Diode (10E1N)	[D704]	ダイオード(UBC0108AZ)
11	0CBUBB0064BZ/	AC	DD		B	Diode (MC921)	[D705]	ダイオード
12	VHDS5VB10//-1	AP	EM		B	Diode (S5VB10)	[D706]	ダイオード(UBB0008AD)
13	VHERD8.2EB/-1	AB	DB		B	Zener diode (RD8.2EB)	[ZD701]	ツェナーダイオード(UBD0119DZ)
14	VHERD9.1EB3-1	AB	DB		B	Zener diode (RD9.1EB3)	[ZD702,703]	ツェナーダイオード(UBD0120BZ)
15	0CBUBD0132DZ/	AC	DC	N	B	Zener diode (RD24EB3)	[ZD704]	ツェナーダイオード
16	0CBUEFD222AQ/	AB	DB	N	C	Resistor (M0S1J222)	[R701]	テイコウ
17	0CBUEEC102AF/	AA	DA		C	Resistor (R1/2PT102J)	[R702]	テイコウ
18	VRD-ST2EY562J	AA	DB		C	Resistor (1/4W 5.6KΩ ±5%)	[R703]	テイコウ(UEEB562BA)
19	VRD-ST2EY181J	AA	DA		C	Resistor (1/4W 180Ω ±5%)	[R704,714]	テイコウ(UEEB181BA)
20	VRD-ST2EY273J	AA	DA		C	Resistor (1/4W 27KΩ ±5%)	[R705]	テイコウ(UEEB273BA)
21	VRD-ST2EY274J	AA	DA		C	Resistor (1/4W 270KΩ ±5%)	[R706]	テイコウ(UEEB274BA)
22	VRD-ST2EY392J	AA	DA		C	Resistor (1/4W 3.9KΩ ±5%)	[R707,717]	テイコウ(UEEB392BA)
23	VRD-ST2EY333J	AA	DA		C	Resistor (1/4W 33KΩ ±5%)	[R708]	テイコウ(UEEB333BA)
24	0CBUEFF220AG/	AB	DC	N	C	Resistor (M0S3J220)	[R709~713]	テイコウ
25	VRD-ST2EY123J	AA	DA		C	Resistor (1/4W 12KΩ ±5%)	[R715]	テイコウ(UEEB123BA)
26	VRD-ST2EY124J	AA	DA		C	Resistor (1/4W 120KΩ ±5%)	[R716]	テイコウ(UEEB124BA)
27	VRD-ST2EY393J	AA	DA		C	Resistor (1/4W 39KΩ ±5%)	[R718]	テイコウ(UEEB393BA)
28	0CBUGZ0477ZZ/	AX	FU	N	C	Capacitor (LHK1H152MHH)	[C701]	コンデンサー
29	0CBUGAF101BU/	AD	DF	N	C	Capacitor (UVX1H101MPA)	[C702]	コンデンサー
30	0CBUGBD103AB/	AQ	ET	N	C	Capacitor (LLR1E103MHSA)	[C703]	コンデンサー
31	0CBUGAD331BU/	AE	DK		C	Chemical capacitor (25WV 330μF)	[C704,706]	コンデンサー
32	0CBUGFF474AR/	AE	DL	N	C	Capacitor (AMZ474K50)	[C705]	コンデンサ
33	0CBPKZ0851ZZ/	AD	DH	N	C	Connector (4pin)	[CN701]	コネクタ
34	0CBPKZ0880ZZ/	AE	DH	N	C	Connector (8pin)	[CN702]	コネクタ
35	0CBPKZ0881ZZ/	AE	DJ	N	C	Connector (9pin)	[CN703]	コネクタ
36	0CBPKZ0879ZZ/	AC	DD	N	C	Connector (7pin)	[CN704]	コネクタ
⚠ 37	0CBPJC0131ZZ/	AD	DH		A	Fuse (TSC 5A/125V)(100V series)	[F701,702]	ヒューズ
⚠ 38	0CBPJC0147ZZ/	AE	DL		A	Fuse (SET 5A/250V)(200V series)	[F701,702]	ヒューズ
39	0CBECD0156ZZ/	AN	EH	N	C	Connector (For TO-3P)		コネクター
40	0CBUAS0042ZZ/	AA	DA		C	Diode sheet (TO-3P)		ゼツエンシート
41	0CBRAZ3014ZB/	AA	DA	N	C	Screw (3×6)		ビス
42	0CBRAB3120AB/	AA	DA	N	C	Screw (3×12)		ビス
43	0CBRAA3120AB/	AA	DA	N	C	Screw (3×12)		ビス
44	0CBRBF3032ZB/	AB	DB		C	Nut (FLN-3 ZMC)		ナット

33 DC電源基板(DC Power supply PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
45	0CBPZZ0084ZZ/	AB	DB		C	Fuse clip (E-102)	ヒューズ ホルダー
46	0CBLRZ0626ZR/	AF	DQ	N	C	Heat sink (HS-117)	ヒートシンク
47	0CBLRZ0627ZR/	AC	DD	N	C	Heat sink (HS-140)	ヒートシンク
48	0CBLRZ0425ZR/	AG	DS	N	C	Heat sink (KE-25(245))	ヒートシンク
49	0CBPZZ0085ZZ/	AA	DA	N	C	Band (T-18S)	インシュロ・クタイ
50	0CBPZZ0301ZZ/	AC	DD	N	C	Fastener (KGLS-3S)	ロ・キングサポーター
	ユニット (Unit)						
⚠ 901	CPWBF0536FC31	BN	LS	N	E	DC power supply PWB (100V series)	DCデンゲン キバン
⚠ 901	CPWBF0536FC32	BN	LT	N	E	DC power supply PWB (200V series)	DCデンゲン キバン

34 ミラーモーター基板(Mirror motor PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	VHiUPA2003C-1	AK	EC		B	IC (UPA2003C)	[IC601] トランジスタアレイ(D03794R)
2	0DMD03840R///	AP	EP		B	Transistor array (TD62503)	[IC602] トランジスタアレイ
3	0DMD13029R///	BH	HQ	N	B	CPU (UPD7811HG)	[IC603] CPU
4	VHiTC74HC00PN	AG	DS		B	IC (TC74HC00PN)	[IC604] IC(D13014R)
5	VHiM74LS266-1	AE	DK		B	IC (M74LS266)	[IC605] IC(D03836R)
6	VHiTC74HC08PN	AF	DP		B	IC (TC74HC08PN)	[IC606] IC(D13015R)
7	0DMD13017R///	AG	DT	N	B	IC (HA17393)	[IC607] コンパレータ
8	0DMD13016R///	AQ	ER	N	B	Transistor array (TD62583AP)	[IC608] トランジスタアレイ
9	0DMD13027R///	AU	FL	N	B	Transistor (2SB1101)	[Q601~603] トランジスター
10	0DMD03997R///	AL	EC	N	B	Transistor (2SD1558)	[Q604~606] トランジスター
11	VHD1S2076A/-1	AB	DB		B	Diode (1S2076A)	[D601~607] ダイオード(D13010R)
12	0DMD13021R///	AE	DK	N	B	Diode (DFA1A2)	[D608~610] ダイオード
13	0DMD13022R///	AD	DF	N	B	Zener diode (HZ5.1EB2)	[ZD601] ツェナー ダイオード
14	0DMD03788R///	AF	DP	N	C	Capacitor (ULB1H470MAA)	[C601,630] コンデンサー
15	0DMD03900R///	AD	DF		C	Capacitor (22000PF)	[C602,603,607] コンデンサー
16	0DMD03896R///	AC	DE		C	Capacitor (2200PF)	[C604,605,609,611,612] コンデンサー
17	0DMD03799R///	AD	DH		C	Capacitor (10μF)	[C606,621,622] コンデンサー
18	0DMD03855R///	AE	DL		C	Capacitor (25WV 0.1μF)	[C608,610,613,614,615,619] コンデンサー
	0DMD03855R///	AE	DL		C	Capacitor (25WV 0.1μF)	[C620,624,626,629,631,632] コンデンサー
	0DMD03855R///	AE	DL		C	Capacitor (25WV 0.1μF)	[C633] コンデンサー
19	0DMD03854R///	AC	DE		C	Capacitor (22PF)	[C616,617] コンデンサー
20	0DMD03898R///	AC	DE		C	Capacitor (10000PF)	[C618] コンデンサー
21	0DMD03901R///	AE	DL		C	Capacitor (47μF)	[C623] コンデンサー
22	0DMD03897R///	AC	DE		C	Capacitor (0.001μF)	[C625] コンデンサー
23	0DMD03786R///	AC	DC		C	Capacitor (100PF)	[C627] コンデンサー
24	0DMD03895R///	AC	DC		C	Capacitor (470μF)	[C628] コンデンサー
25	0DMD03591R///	AG	DS		B	Block resistor (10KΩ×8)	[BR601,602,603] ブロックテイコウ
26	0DMD13023R///	AG	DS	N	B	Block resistor (3.3KΩ×8)	[BR604] ブロックテイコウ
27	0DMD03590R///	AG	DS		B	Block resistor (2.2KΩ×8)	[BR605] ブロックテイコウ
28	0DMD13024R///	AE	DL	N	B	Block resistor (4.7KΩ×4)	[BR606] ブロックテイコウ
29	0DMD03885R///	AF	DN	N	B	Block resistor (10KΩ×3)	[BR607] ブロックテイコウ
30	0DMD03969R///	AG	DS	N	B	Block resistor (1KΩ×8)	[BR608] ブロックテイコウ
31	0DMD03970R///	AF	DN	N	B	Block resistor (330Ω×3)	[BR609] ブロックテイコウ
32	0DMD03857R///	AE	DL		B	Block resistor (10KΩ×3)	[BR610] ブロックテイコウ
33	0DMD13025R///	AE	DL	N	B	Block resistor (470Ω×3)	[BR611] ブロックテイコウ
34	0DMD13026R///	AF	DN	N	B	Block resistor (4.7KΩ×3)	[BR612] ブロックテイコウ
35	0DMD03804R///	AE	DL		B	Block resistor (1KΩ×3)	[BR613] ブロックテイコウ
36	VRD-ST2EY202J	AA	DA		C	Resistor (1/4W 2.0KΩ ±5%)	[R601,607,613,614,616] テイコウ(RNDVCJ202-)
37	VRD-ST2EY153J	AA	DA		C	Resistor (1/4W 15KΩ ±5%)	[R602] テイコウ(RNDVCJ153-)
38	VRD-ST2EY152J	AA	DA		C	Resistor (1/4W 1.5KΩ ±5%)	[R603] テイコウ(RNDVCJ152-)
39	VRD-ST2EY621J	AA	DA		C	Resistor (1/4W 620Ω ±5%)	[R604,605,606] テイコウ(RNDVCJ621-)
40	VRD-ST2EY332J	AA	DA		C	Resistor (1/4W 3.3KΩ ±5%)	[R608] テイコウ(RNDVCJ332-)
41	VRD-ST2EY101J	AA	DA		C	Resistor (1/4W 100Ω ±5%)	[R609] テイコウ(RNDVCJ101-)
42	0DMRNOVCF2401	AD	DH	N	C	Resistor (2.4KΩ)	[R610] テイコウ
43	VRD-ST2EY201J	AA	DA		C	Resistor (1/4W 200Ω ±5%)	[R611] テイコウ(RNDVCJ201-)
44	VRD-ST2EY204J	AA	DA		C	Resistor (1/4W 200KΩ ±5%)	[R612] テイコウ(RNDVCJ204-)
45	VRD-ST2EY105J	AA	DA		C	Resistor (1/4W 1MΩ ±5%)	[R615] テイコウ(RNDVCJ105-)
46	VRD-ST2EY682J	AA	DB		C	Resistor (1/2W 6.8KΩ ±5%)	[R617] テイコウ(RNDVCJ682-)
47	0DMRNOVCF68R0	AD	DH	N	C	Resistor (68Ω)	[R618] テイコウ
48	VRD-ST2EY560J	AA	DA		C	Resistor (1/4W 56Ω ±5%)	[R619,620,621] テイコウ(RNDVCJ560-)
49	0DMD03803R///	AH	DV		C	Resistor (0.05Ω)	[R622] テイコウ
50	0DMD13009R///	AQ	ER	N	B	Switch (KSD04)	[SW601] スイッチ
51	0DMD13018R///	AT	FG	N	B	Crystal (HC-49/U)	[XTAL] クリスタル
52	0DMD13019R///	AK	DY	N	B	Crystal (EFO-A614K04MN)	[OSC] セラミックオシレータ
53	0DMD03586R///	AN	EK		C	Coil (DSS310-55B222M)	[L601] ノイズリミッタ
54	0DMM57852R///	AG	DT	N	C	Connector (6pin)	[CN-A] コネクター
55	0DMM47448R///	AE	DK		B	Connector (3pin)	[CN-B] コネクター
56	0DMM47450R///	AF	DP		C	Connector (6pin)	[CN-C] コネクター
57	0DMM47363R///	AG	DS	N	C	Connector (9pin)	[CN-D] コネクター
58	0DMM57853R///	AF	DP	N	C	Connector (7pin)	[CN-E] コネクター
59	0DMM47451R///	AG	DS		C	Connector (10pin)	[CN-F] コネクター
60	0DMD03893R///	AD	DH		B	Diode (1S953)	[D614] ダイオード
61	0DMD03891R///	AE	DK		B	Zener diode (5.1V)	[ZD602] ツェナーダイオード

34 ミラーモーター基板(Mirror motor PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
62	VRD-ST2EY113J	AA	DA		C	Resistor (1/4W 1KΩ ±5%)	[R623] テイコウ
63	VRD-ST2EY201J	AA	DA		C	Resistor (1/4W 200Ω ±5%)	[R624] テイコウ
64	ODMS19229R///	AG	DR	N	C	Capacitor (16WV 3.3μF)	[C630] コンデンサー
	ユニット (Unit)						
901	CPWBN0538FC31	BR	MT	N	E	Mirror motor PWB	ミラーモーター キバン

35 その他部品(Other parts)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CCASZ0067FC02	AM	ED		D	Maintenance case (Japan)	メンテナンスケース
	CCASZ0067FC01	AD	DH		D	Maintenance case (Export)	メンテナンスケース
2	CPAKA1421FC02	AX	FX		D	Tem pad	テンパット
3	CPAKA2032FC01	BC	GR		D	Bottom case (Japan)	ソコケース
	CPAKA1981FC01	BB	GM		D	Bottom case (Export)	ソコケース
4	GCOVZ0146FCZZ	AW	FQ		D	Dust cover (Japan)	ダストカバー B2
5	LPLTM2263FCZZ	AC	DD	N	C	Mirror base A fixing plate	ミラーベース A コテイコンポウヨウイタ
6	LX-BZ0269FCZZ	AF	DN		C	Lens fixing screw	レンズ コテイビス
7	LX-BZ0329FCZZ	AB	DB		C	Mirror base B fixing screw	ミラーベース B コテイコンポウヨウビス
8	PPiPP0087FCZZ	AG	DU		D	Pipe (Japan)	シチュウ
	PPiPP0074FCZZ	AG	DS		D	Pipe (Export)	シチュウ
9	PBRSR0012FCZZ	AE	DL		D	Charger brush	チャージャーブラシ
10	SPAKA1982FCZZ	AG	DU		D	Cassette sleeve A	カセットスリーブ A
11	SPAKA1983FCZZ	AE	DM		D	Cassette sleeve B	カセットスリーブ B
12	SPAKA1438FCZZ	AC	DC		D	Charger holder	チャージャーオサエ
13	SPAKA1503FCZZ	AB	DC		D	Upper exterior protect cushion	ウエキーピホゴザイ
14	SPAKA1534FCZZ	AA	DA		D	DV protect cushion	ゲンゾウホゴザイ
15	SPAKA1672FCZZ	AA	DA		D	Packing cushion	エサフォーム
16	SPAKA2180FCZZ	AG	DR	N	D	Tray sleeve	トレイスリーブ
17	SPAKA2181FCZZ	AE	DM	N	D	Tray separator plate (Japan)	トレイシキリ イタ
18	SPAKA1624FCZZ	AB	DC		D	AC cord sleeve	ACコードスリーブ
19	SPAKA1996FCZZ	AD	DF		D	Packing cushion (Export)	ソウサセツメイヨウ パッキングクッション
20	SPAKA1514FCZZ	AF	DN		D	Drum packing cushing (Japan)(SF80DR)	DRパッキングクッション
21	SPAKA1949FCZZ	AC	DE	N	D	Brade sleeve (Japan)	ブレードスリーブ
22	SPAKA1535FCZZ	AB	DC	N	D	Packing cushion	マエキーピヒンジ F ホゴ
23	SPAKA2604FCZZ	AA	DA	N	D	Packing cushion	カイシュウヨウキホゴ
24	SPAKC2178FCZZ	BB	GL	N	D	Packing case (Japan)	パッキングケース
	SPAKC2179FCZZ	BA	GH	N	D	Packing case (Export)	パッキングケース
25	SPAKC2186FCZZ	AK	DZ	N	D	Consumption case (Japan)	ショウモウヒンケース
26	SPAKC2193FCZZ	AH	DU	N	D	Drum packing case (Japan)(SF810DR)	DRパッキングケース
27	SSAKA0006WCZZ	AB	DD		C	Vinyl bag (400×500mm)	ポリブクロ
28	SSAKH0021SCZZ	AC	DD		D	Vinyl bag (590×640mm)	ポリブクロ
29	SSAKA0019SCZZ	AA	DA		D	Vinyl bag (120×180mm)	ポリブクロ
30	SSAKA0002FCZZ	AA	DA		D	Vinyl bag (300×420mm)	ポリブクロ
31	SSAKH5006CCZZ	AA	DA		D	Vinyl bag (180×380mm)	ポリブクロ
32	SSAKH0011MCZZ	AA	DB		D	Vinyl bag (380×420mm)(Export)	ポリブクロ
33	SSAKA0003FCZZ	AA	DB		D	Vinyl bag (320×470mm)(SEEG only)	ポリブクロ
34	SSAK-4271CCZZ	AD	DH		D	Vinyl bag for tray (420×690mm)	ハイントレイヨウポリブクロ
35	TLABH1512FCZZ	AB	DB		D	Label (Japan)	カイコンセツメイラベル
	TLABH1457FCZZ	AB	DB		C	Label (Export)	カイコンセツメイ ラベル
36	TCADS0497FCZZ	AH	DV	N	D	Card (Japan)	ノウニュウセッチカード
	TCADS0434FCZZ	AE	DK	N	D	Card (USA.U.Kingdom.Australia)	ノウニュウセッチ カード
	TCADS0435FCZZ	AV	FL	N	D	Card (E.F.G.S)	ノウニュウセッチ カード
37	TCADZ0436FCZZ	AE	DJ	N	D	Card (Japan)	ホンニケイヤクショ
38	TCADZ0423FCZZ	AF	DP	N	D	Tag card (SEEG only)	タグカード
39	TiNSJ0524FCZZ	BC	GS	N	D	Instruction book (Japan)	トリアツカイセツメイショ
	TiNSE0525FCZZ	AS	FE	N	D	Instruction book (USA)	トリアツカイセツメイショ
	TiNSE0526FCZZ	AW	FP	N	D	Instruction book (English)	トリアツカイセツメイショ
	TiNSF0527FCZZ	AY	GB	N	D	Instruction book (France)	トリアツカイセツメイショ
	TiNSG0528FCZZ	BD	GX	N	D	Instruction book (Germany)	トリアツカイセツメイショ
	TiNSi0530FCZZ	BD	GX	N	D	Instruction book (Itary)	トリアツカイセツメイショ
	TiNSS0529FCZZ	BC	GT	N	D	Instruction book (Spain)	トリアツカイセツメイショ
	TiNSZ0531FCZZ	BD	GV	N	D	Instruction book (Arabia)	トリアツカイセツメイショ
40	TLSTS1006CCZZ	AA	DA		D	Service list (Japan)	サービスリスト
41	UBNDA1008CCZZ	AA	DA		C	AC cord band	AC コードバンド
42	UCLEZ0009FCZZ	AE	DL		D	Charger cleaner	チャージュークリーナー
43	UKOG-0111FCZZ	AD	DF		D	DV funnel	DV ジョウゴ

90 ビス・ナット・ワッシャ(Hardware parts)

NO.	PARTS CODE	PRICE R. Ex.	PRICE R. Ja.	NEW	P R	DESCRIPTION	
B01	XBPBN30P08K00	AA	DA		C	Screw	ビス
B02	XBPBN30P08000	AA	DA		C	Screw	ビス
B03	XBPBN30P10KS0	AA	DA		C	Screw	ビス
B04	XBPBN30P10K00	AA	DA		C	Screw	ビス
B05	XBPBN30P10000	AA	DA		C	Screw	ビス
B06	XBPBN30P12000	AA	DA		C	Screw	ビス
B07	XBPBN40P06000	AA	DA		C	Screw	ビス
B08	XBPBN40P08K00	AA	DA		C	Screw	ビス
B09	XBPBN40P12K00	AA	DA		C	Screw	ビス
B10	XBPBN50P12000	AA	DA		C	Screw	ビス
B11	XBPBZ30P08K00	AA	DA		C	Screw	ビス
B12	XBPBZ30P08000	AA	DA		C	Screw	ビス
B13	XBPBZ30P12KS0	AA	DA		C	Screw	ビス
B14	XBPBZ40P06000	AA	DA		C	Screw	ビス
B15	XBPBZ40P08K00	AA	DA		C	Screw	ビス
B16	XBPBZ40P08000	AA	DA		C	Screw	ビス
B17	XBPBZ40P12K00	AA	DA		C	Screw	ビス
B18	XBPBZ50P06K00	AB	DB		C	Screw	ビス
B19	XBPRZ30P04000	AA	DA		C	Screw	ビス
B20	XBPRZ30P06000	AA	DA		C	Screw	ビス
B21	XBPRZ40P06000	AA	DA		C	Screw	ビス
B22	XBPRZ40P16000	AA	DB		C	Screw	ビス
B23	XBPRZ40P25000	AB	DB		C	Screw	ビス
B24	XBPSD30P04K00	AA	DA		C	Screw	ビス
B25	XBPSD30P05K00	AA	DA		C	Screw	ビス
B26	XBPSD30P05000	AA	DA		C	Screw	ビス
B27	XBPSD30P06KS0	AA	DA		C	Screw	ビス
B28	XBPSD30P06K00	AA	DA		C	Screw	ビス
B29	XBPSD30P06000	AA	DA		C	Screw	ビス
B30	XBPSD30P08KS0	AA	DA		C	Screw	ビス
B31	XBPSD30P08K00	AA	DA		C	Screw	ビス
B32	XBPSD30P08000	AA	DA		C	Screw	ビス
B33	XBPSD30P10KS0	AB	DA		C	Screw	ビス
B34	XBPSD30P10K00	AA	DA		C	Screw	ビス
B35	XBPSD30P10000	AA	DA		C	Screw	ビス
B36	XBPSD30P12000	AA	DA		C	Screw	ビス
B37	XBPSD30P14000	AA	DA		C	Screw	ビス
B38	XBPSD30P16KS0	AA	DA		C	Screw	ビス
B39	XBPSD30P16K00	AA	DA		C	Screw	ビス
B40	XBPSD30P16000	AA	DA		C	Screw	ビス
B41	XBPSD30P18KS0	AA	DA		C	Screw	ビス
B42	XBPSD30P25K00	AA	DA		C	Screw	ビス
B43	XBPSD30P25000	AA	DA		C	Screw	ビス
B44	XBPSD30P30000	AA	DA		C	Screw	ビス
B45	XBPSD40P04000	AA	DA		C	Screw	ビス
B46	XBPSD40P05K00	AA	DA		C	Screw	ビス
B47	XBPSD40P06KS0	AA	DA		C	Screw	ビス
B48	XBPSD40P06K00	AA	DA		C	Screw	ビス
B49	XBPSD40P06000	AA	DA		C	Screw	ビス
B50	XBPSD40P08KS0	AA	DA		C	Screw	ビス
B51	XBPSD40P08K00	AA	DA		C	Screw	ビス
B52	XBPSD40P08000	AA	DA		C	Screw	ビス
B53	XBPSD40P10KS0	AA	DA		C	Screw	ビス
B54	XBPSD40P10K00	AA	DA		C	Screw	ビス
B55	XBPSD40P12KS0	AA	DA		C	Screw	ビス
B56	XBPSD40P12K00	AA	DA		C	Screw	ビス
B57	XBPSD40P14KS0	AA	DA		C	Screw	ビス
B58	XBPSD40P16KS0	AA	DA		C	Screw	ビス
B59	XBPSD40P16K00	AA	DA		C	Screw	ビス
B60	XBPSD40P16000	AA	DA		C	Screw	ビス
B61	XBPSD40P18000	AA	DA		C	Screw	ビス
B62	XBPSD40P20K00	AA	DA		C	Screw	ビス
B63	XBPSD40P20000	AA	DA		C	Screw	ビス
B64	XBPSD40P25000	AA	DA		C	Screw	ビス
B65	XBPSD40P30K00	AA	DA		C	Screw	ビス
B66	XBPSD50P08K00	AA	DA		C	Screw	ビス
B67	XBPSD50P10K00	AA	DA		C	Screw	ビス
B68	XBPSD50P20000	AA	DA		C	Screw	ビス
B69	XBPSD60P16KS0	AA	DA		C	Screw	ビス
B70	XBPSD60P20000	AA	DA		C	Screw	ビス
B71	XBPSF30P06KS0	AA	DA		C	Screw	ビス
B72	XBPSF30P06K00	AA	DA		C	Screw	ビス
B73	XBPSF30P08KS0	AA	DA		C	Screw	ビス
B74	XBPSF30P08K00	AA	DA		C	Screw	ビス
B75	XBPSF30P08000	AA	DA		C	Screw	ビス
B76	XBPSF40P06K00	AA	DA		C	Screw	ビス
B77	XBPSF40P08KS0	AA	DA		C	Screw	ビス
B78	XBPSF40P08K00	AA	DA		C	Screw	ビス
B79	XBPSF40P08000	AA	DA		C	Screw	ビス
B80	XBPUZ40P06000	AA	DA		C	Screw	ビス
B81	XBPUZ40P12K00	AA	DA		C	Screw	ビス
B82	XBPSF40P10KS0	AA	DA		C	Screw	ビス
B83	XBPSF40P14K00	AA	DA		C	Screw	ビス
B84	XBBSF30P06000	AA	DA		C	Screw	ビス
B85	XBPSF40P20K00	AA	DA		C	Screw	ビス
B86	XBPSD40P22000	AA	DA		C	Screw	ビス
B87	XBPSD40P30000	AA	DA		C	Screw	ビス
B88	XBPSF40P16000	AA	DA		C	Screw	ビス
B89	XBPSD30P03000	AA	DA		C	Screw	ビス
B90	XBPBN40P14K00	AA	DA		C	Screw	ビス
B91	XBPBN40P14000	AA	DA		C	Screw	ビス
B92	XBPSD30P04000	AA	DA		C	Screw	ビス
B93	XBPBZ30P06000	AA	DA		C	Screw	ビス
B94	XBPSD40P45000	AA	DA		C	Screw	ビス
B95	XBBSF30P04000	AA	DA		C	Screw	ビス
B96	XBBSF40P04000	AA	DA		C	Screw	ビス
B97	XBPSC40P08000	AA	DA		C	Screw	ビス
B98	XBBSD30P04000	AA	DA		C	Screw	ビス
B99	XBPBZ40P06K00	AA	DA		C	Screw	ビス
C01	XCBSD30P06000	AA	DA		C	Screw	ビス
C02	XCBSD30P08000	AA	DA		C	Screw	ビス
C03	XCPSD30P06000	AA	DB		C	Screw	ビス
C04	XCPSD30P08000	AA	DA		C	Screw	ビス
C05	XCPSD30P12000	AA	DA		C	Screw	ビス
C06	XCPSD30P18000	AA	DA		C	Screw	ビス
C07	XCPSD40P06000	AA	DA		C	Screw	ビス
C08	XCPSD40P08000	AA	DA		C	Screw	ビス
C09	XCPSD40P10000	AA	DA		C	Screw	ビス
C10	XCPSD40P16000	AA	DA		C	Screw	ビス
C11	XCPSF30P06000	AA	DA		C	Screw	ビス
C12	XCPSF40P08000	AA	DA		C	Screw	ビス
C13	XCSSC40P10000	AA	DA		C	Screw	ビス
C14	XCSSD30P06000	AA	DA		C	Screw	ビス
C15	XCSSD30P10000	AA	DA		C	Screw	ビス
C16	XCSSF30P08000	AA	DA		C	Screw	ビス
C17	XCTSD40P06000	AA	DA		C	Screw	ビス
C18	XCTSF30P08000	AA	DA		C	Screw	ビス
C19	XCPSF30P08000	AA	DA		C	Screw	ビス
C20	XCSSD40P08000	AA	DA		C	Screw	ビス
C21	XCPSD30P10000	AA	DA		C	Screw	ビス
C22	XCPSF40P06000	AA	DA		C	Screw	ビス
C23	XCSSD30P08000	AA	DA		C	Screw	ビス
C24	XCTSD30P06000	AA	DA		C	Screw	ビス
C25	XCBSD30P10000	AA	DA		C	Screw	ビス
C26	XCTSF40P10000	AA	DA		C	Screw	ビス
C27	XCPSD30P04000	AA	DA		C	Screw	ビス
C28	XCBSD26P06000	AA	DA		C	Screw	ビス
D01	XBPSD30P18000	AC	DA		C	Screw	ビス
D02	XBPSD40P10000	AA	DA		C	Screw	ビス
D03	XBPSD40P50000	AA	DA		C	Screw	ビス
D04	XBPSD50P16000	AA	DA		C	Screw	ビス
D05	XBPSD25P06000	AA	DA		C	Screw	ビス
D08	XBBSD30P08000	AA	DA		C	Screw	ビス
D09	XBPBN30P06000	AA	DA		C	Screw	ビス
D10	XBPSD30P20000	AA	DA		C	Screw	ビス
D11	XBPUZ40P08KS0	AA	DA		C	Screw	ビス
D12	XBPSF40P04000	AA	DA		C	Screw	ビス
D14	XBPSD26P08000	AA	DA		C	Screw	ビス
D15	XBPRZ30P08000	AA	DA		C	Screw	ビス
D16	XBPSD26P03000	AA	DA		C	Screw	ビス
D17	XBPBZ40P10K00	AA	DA		C	Screw	ビス
D19	XBPSD40P12000	AA	DA		C	Screw	ビス
D20	XBPSC40P06000	AA	DA		C	Screw	ビス
D21	XBPSD40P35000	AA	DA		C	Screw	ビス
D22	XBPSF30P03000	AA	DA		C	Screw	ビス
D23	XBPRZ40P08000	AA	DA		C	Screw	ビス
D24	XBPSD26P06000	AA	DA		C	Screw	ビス
D25	XBPSD20P10KS0	AA	DA		C	Screw	ビス
D26	XBPSF30P04000	AA	DA		C	Screw	ビス
D27	XBPSF30P10000	AA	DA		C	Screw	ビス
D28	XBPRZ30P10000	AA	DA		C	Screw	ビス
D29	XBRSD80-40000	AA	DA		C	Screw	ビス
D30	XBSBN40P06000	AA	DA		C	Screw	ビス
D31	XBBSD30P06000	AA	DB		C	Screw	ビス
D32	XBPUZ30P12000	AA	DA		C	Screw	ビス
D33	XBPSD50P35000	AA	DA		C	Screw	ビス
D34	XBPUZ30P12000	AA	DA		C	Screw	ビス
E01	XRESP20-04000	AA	DA		C	E type ring	Eリング
E02	XRESP30-04000	AA	DA		C	E type ring	Eリング
E03	XRESP30-05000	AA	DA		C	E type ring	Eリング

90 ビス・ナット・ワッシャ(Hardware parts)

NO.	PARTS CODE	PRICE R. Ex.	PRICE R. Ja.	NEW	P R	DESCRIPTION
E04	XRESP40-05000	AA	DA		C	E type ring Eリング
E05	XRESP40-06000	AA	DA		C	E type ring Eリング
E06	XRESP50-06000	AA	DA		C	E type ring Eリング
E07	XRESP60-08000	AA	DA		C	E type ring Eリング
E08	XRESP70-08000	AA	DA		C	E type ring Eリング
E09	XRESP90-08000	AA	DA		C	E type ring Eリング
E10	XRESP80-08000	AA	DA		C	E type ring Eリング
E11	XRESP90-10000	AA	DA		C	E type ring Eリング
E12	XRESP30-06000	AA	DA		C	E type ring Eリング
N01	XNEBN30-24000	AC	DA		C	Nut ナット
N02	XNEBN40-32000	AA	DA		C	Nut ナット
N03	XNEBN50-40000	AA	DA		C	Nut ナット
N04	XNESD30-18000	AA	DA		C	Nut ナット
N05	XNESD30-24000	AA	DA		C	Nut ナット
N06	XNESD40-24000	AA	DA		C	Nut ナット
N07	XNESD40-32000	AA	DA		C	Nut ナット
N08	XNESD50-40000	AA	DA		C	Nut ナット
N09	XNESF40-32000	AA	DB		C	Nut ナット
N10	XNERZ40-32000	AA	DA		C	Nut ナット
N11	XNESD26-20000	AA	DA		C	Nut ナット
N12	XNESF30-24000	AA	DA		C	Nut ナット
N13	XNERZ30-24000	AA	DA		C	Nut ナット
N14	XNESD20-16000	AA	DA		C	Nut ナット
N15	XNEUZ30-24000	AA	DA		C	Nut ナット
R01	XRASP04-10000	AA	DB		C	C Ring Cリング
S01	XBSBZ40P08000	AA	DA		C	Screw ビス
S02	XBSBZ40P10000	AA	DA		C	Screw ビス
S03	XBSRZ30P06000	AA	DA		C	Screw ビス
S04	XBSSD30P16000	AA	DA		C	Screw ビス
S05	XBSSD40P06000	AA	DA		C	Screw ビス
S06	XBSSD40P08000	AA	DA		C	Screw ビス
S07	XBSSD40P10000	AA	DA		C	Screw ビス
S08	XBSSD30P08000	AA	DA		C	Screw ビス
S09	XBSSD30P06000	AA	DA		C	Screw ビス
S10	XBPSD60P12KS0	AA	DA		C	Screw ビス
S11	XBPSD50P06000	AA	DA		C	Screw ビス
S12	XBPSD40P14000	AA	DA		C	Screw ビス
S14	XBPSD23P12000	AA	DA		C	Screw ビス
S15	XBPSD30P12KS0	AA	DA		C	Screw ビス
S16	XBPBZ40P10000	AA	DA		C	Screw ビス
S17	XBPRZ40P10000	AA	DA		C	Screw ビス
S18	XBPSD20P04000	AA	DA		C	Screw ビス
S19	XBPSD30P35000	AA	DA		C	Screw ビス
S20	XBSSD30P12000	AA	DA		C	Screw ビス
S21	XBSSD40P35000	AA	DA		C	Screw ビス
T01	XBTSC30P06000	AA	DA		C	Screw ビス
T02	XBTSC40P06000	AA	DA		C	Screw ビス
T03	XBTSC40P08000	AA	DA		C	Screw ビス
T04	XBTSD40P06000	AA	DA		C	Screw ビス
T05	XBTSF30P06000	AA	DA		C	Screw ビス
T06	XBTSF40P05000	AA	DA		C	Screw ビス
T07	XBTSF40P06000	AA	DA		C	Screw ビス
T08	XBTSF40P08000	AA	DA		C	Screw ビス
T09	XBTSF40P10000	AA	DA		C	Screw ビス
T10	XBTSF40P14000	AA	DA		C	Screw ビス
T11	XBTSF40P16000	AA	DA		C	Screw ビス
T12	XBTSF50P06000	AA	DA		C	Screw ビス
T13	XBTSF30P04000	AA	DA		C	Screw ビス
T14	XBTSF26P04000	AA	DA		C	Screw ビス
T15	XBTUZ40P06000	AA	DA		C	Screw ビス
T16	XBTSD30P06000	AA	DA		C	Screw ビス
T17	XBTSC40P10000	AA	DA		C	Screw ビス
W01	XWHBN30-05000	AA	DA		C	Washer ワッシャ
W02	XWHBN40-08100	AA	DA		C	Washer ワッシャ
W03	XWHSD30-05000	AA	DA		C	Washer ワッシャ
W04	XWHSD30-05080	AA	DA		C	Washer ワッシャ
W05	XWHSD30-08100	AA	DA		C	Washer ワッシャ
W06	XWHSD40-08000	AA	DA		C	Washer ワッシャ
W07	XWHSD40-08100	AA	DA		C	Washer ワッシャ
W08	XWHSD40-08120	AA	DA		C	Washer ワッシャ
W09	XWHSD50-08120	AA	DA		C	Washer ワッシャ
W10	XWHSF40-08100	AA	DA		C	Washer ワッシャ
W11	XWSPN30-07000	AA	DA		C	Washer ワッシャ
W12	XWSSD50-13000	AA	DA		C	Washer ワッシャ
W13	XWUSD30-04065	AA	DA		C	Washer ワッシャ
W14	XWSSD40-10000	AA	DA		C	Washer ワッシャ
W15	XWHNZ30-05080	AA	DA		C	Washer ワッシャ
W16	XWHSD60-10130	AA	DA		C	Washer ワッシャ
W17	XWHNZ40-08100	AA	DA		C	Washer ワッシャ
W18	XWHSD30-05060	AA	DA		C	Washer ワッシャ
W19	XWSSD60-15000	AA	DA		C	Washer ワッシャ
W20	XWHSD80-16180	AA	DA		C	Washer ワッシャ
W21	XWHSD60-15000	AA	DA		C	Washer ワッシャ

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[C]					
CANGF0730FC01	16- 114	AG	DS		C
CANGF0730FC02	16- 21	AG	DU	N	C
CANGT1174FC31	8- 19	AH	DW	N	C
CBLTH0067FC31	16- 3	AQ	ER	N	E
CBOXZ0055FC01	10- 27	AY	GB		C
CBOXZ0055FC58	10- 901	BV	RV	N	E
CBTN-0076FC01	2- 6	AD	DH	N	C
CBTN-0076FC02	2- 6	AD	DH	N	C
CBTN-0077FC01	2- 9	AG	DR	N	C
CBTN-0078FC01	2- 11	AE	DK	N	C
CBTN-0078FC02	2- 11	AE	DK	N	C
CBTN-0079FC01	2- 15	AE	DJ	N	C
CBTN-0079FC02	2- 10	AE	DJ	N	C
CBTN-0080FC01	2- 13	AC	DE	N	C
CBTN-0080FC02	2- 12	AC	DE	N	C
CBTN-0082FC01	2- 16	AC	DE	N	C
CBTN-0082FC02	2- 16	AC	DE	N	C
CBTN-0082FC03	2- 14	AD	DH	N	C
CCAB-0459FCB3	1- 1	BC	GQ	N	D
CCAB-0459FCW6	1- 1	BD	GU	N	D
CCAB-0508FC03	1- 6	BA	GG	N	D
CCAB-0521FC01	2- 27	BB	GP	N	D
CCAB-0521FC02	2- 27	BB	GP	N	D
CCAB-0525FC01	1- 8	AS	FB	N	D
CCAB-0525FC02	1- 8	AS	FB	N	D
CCAB-0525FC03	1- 8	AS	FB	N	D
CCASP0124FC55	21- 901	BE	HC	N	E
CCASP0124FC56	21- 901	BG	HJ	N	E
CCASP0124FC57	21- 901	BG	HK	N	E
CCASP0124FC58	21- 901	BG	HK	N	E
CCASP0127FC61	20- 901	BG	HN	N	E
CCASP0127FC62	20- 901	BH	HP	N	E
CCASP0127FC63	20- 901	BH	HP	N	E
CCASP0127FC64	20- 901	BF	HF	N	E
CCASP0127FC65	20- 902	BL	LC	N	E
CCASP0127FC66	20- 902	BL	LC	N	E
CCASP0128FC51	20- 901	BC	GQ	N	E
CCASP0128FC52	20- 901	BF	HD	N	E
CCASP0128FC53	20- 901	BF	HD	N	E
CCASP0128FC54	20- 901	BE	HC	N	E
CCASP0128FC55	20- 901	BG	HL	N	E
CCASP0128FC56	20- 901	BG	HK	N	E
CCASZ0067FC01	35- 1	AD	DH		D
CCASZ0067FC02	35- 1	AM	ED		D
CCASZ0106FC59	7- 901	BG	HL	N	E
CCASZ0107FC01	13- 9	AL	EB		C
CCASZ0107FC52	13- 901	AW	FS	N	E
CCASZ0109FC01	13- 18	AP	EQ		C
CCASZ0109FC54	13- 901	AZ	GD	N	E
CCLE-0058FC01	10- 14	AS	FB	N	C
CCLR-0254FC01	9- 9	AE	DL	N	C
CCOVH0144FC01	2- 23	BB	GL		D
CCOVP0696FC01	10- 13	AW	FR	N	C
CCOVQ0692FC01	14- 17	AT	FG	N	C
CCOVQ0692FC02	14- 17	AT	FG	N	C
CCOVQ0692FC03	14- 17	AT	FG	N	C
CCOVQ0692FC04	14- 17	AT	FG	N	C
CDAI-0135FC01	16- 31	BM	LJ	N	C
〃	16- 143	BM	LJ	N	C
CDAIU0243FC02	3- 128	AL	EC	N	C
CDAIU0259FC51	18- 901	AS	FC	N	E
CDAIU0259FC52	18- 901	AS	FA	N	E
CDAIU0259FC53	18- 901	AS	FA	N	E
CDAIU0259FC54	18- 901	AR	FA	N	E
CDAIU0260FC01	6- 32	BA	GG	N	E
CDAIU0260FC31	6- 502	BK	HX	N	E
CDTCT0049FC51	10- 8	AZ	GC	N	E
CFIX-0194FC01	2- 25	AQ	ER		C
CFIX-0195FC01	2- 26	AQ	ET		C
CFIX-0195FC02	2- 26	AQ	ET		C
CFIX-0195FC03	2- 26	AQ	ET		C
CFIX-0257FC01	14- 43	AE	DH	N	C
CFRM-0396FC01	3- 18	BD	GU	N	C
CFRM-0397FC01	3- 126	BC	GT	N	C
〃	8- 1	BC	GT	N	C
CFRM-0398FC01	16- 118	AU	FL	N	C
CFRM-0399FC01	16- 18	AV	FM	N	C
CFRM-0400FC01	9- 40	AT	FF	N	C
CFRM-0400FC31	8- 109	BP	MA	N	E

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CFRM-0400FC31	9- 901	BP	MA	N	E
CFRM-0402FC01	14- 11	AR	EW	N	C
CFRM-0403FC01	14- 46	AV	FM	N	C
CFRM-0404FC01	12- 27	AM	EG	N	C
CFRM-0408FC01	15- 110	AW	FR	N	C
CFRM-0409FC01	15- 22	AZ	GC	N	C
CFS-T0069FC51	14- 36	AF	DQ	N	A
CFS-T0070FC31	6- 3	AK	DY	N	A
CFS-T0071FC31	6- 3	AK	DY	N	A
CGERH0113FC01	10- 33	AG	DQ		C
CGERH0216FC02	8- 115	AG	DT	N	C
〃	9- 21	AG	DT	N	C
CGERH0271FC01	8- 118	AF	DN		C
CGERH0371FC01	9- 30	AG	DR	N	C
CGERH0375FC31	15- 35	AQ	EU	N	E
CGERH0376FC31	15- 28	AR	EW	N	E
CGIDH0768FC01	15- 115	AH	DW		C
CGIDH0799FC01	3- 116	AQ	ER	N	C
CGIDH0808FC31	14- 18	AP	EM	N	E
CGIDH0813FC01	3- 110	AM	EG	N	C
CGIDH0835FC01	15- 115	AH	DW	N	C
CGIDH0869FC01	15- 128	AK	DY	N	C
CHLDZ0589FC02	15- 119	AH	DW	N	C
〃	16- 17	AH	DW	N	C
CHLDZ0738FC01	9- 20	AG	DR	N	C
CHLDZ0739FC01	8- 119	AG	DS	N	C
CHNG-0076FC31	2- 40	BB	GL		E
CLNS-0027FC31	19- 901	CE	UJ	N	E
CMLT-0563FC01	12- 11	AC	DE	N	C
CMOTE0392FC01	11- 3	BG	HJ	N	B
CPAKA1421FC02	35- 2	AX	FX		D
CPAKA1981FC01	35- 3	BB	GM		D
CPAKA2032FC01	35- 3	BC	GR		D
CPLTM1503FC01	3- 5	AK	DZ		C
CPLTM1503FC03	8- 107	AH	DX	N	C
CPLTM1510FC03	15- 43	AF	DM		C
CPLTM1533FC01	10- 46	AY	FZ		C
CPLTM1541FC01	7- 1	AQ	EU		C
CPLTM1612FC03	3- 28	AP	EM	N	C
CPLTM1900FC01	20- 31	AP	EL		C
CPLTM1901FC01	20- 20	AP	EL		C
CPLTM1902FC01	20- 11	AP	EL		C
CPLTM1903FC01	20- 5	AP	EL		C
CPLTM2043FC01	21- 15	AM	EF		C
CPLTM2044FC01	21- 5	AM	EF		C
CPLTM2076FC01	20- 24	AU	FJ		C
CPLTM2183FC01	3- 9	AL	EC	N	C
CPLTM2191FC01	12- 39	AG	DT	N	C
CPLTM2194FC31	2- 33	AZ	GE	N	E
〃	6- 42	AZ	GE	N	E
CPLTM2195FC31	2- 31	AZ	GE	N	E
〃	6- 37	AZ	GE	N	E
CPLTM2205FC01	3- 26	AM	ED	N	C
CPLTM2216FC01	3- 109	AT	FF	N	C
CPLTM2217FC51	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC52	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC53	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC54	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC55	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC56	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC57	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC58	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC59	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2217FC60	3- 31	BB	GL	N	E
〃	11- 901	BB	GL	N	E
CPLTM2220FC01	3- 22	AK	DY	N	C
〃	8- 20	AK	DY	N	C
CPLTM2224FC01	8- 121	AH	DX	N	C
CPLTM2225FC01	15- 45	AG	DR	N	C
CPLTM2228FC01	15- 23	AF	DP	N	C
CPLTM2238FC01	20- 8	AR	EW	N	C

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CPLTM2249FC01	14- 12	AK	DZ	N	C
CPLTM2306FC01	16- 5	AU	FK	N	C
CPLU-0113FC31	15- 40	AP	EM	N	E
CPLU-0114FC31	15- 27	AP	EP	N	E
CPLYZ0127FC01	9- 23	AM	EE	N	C
CPWBF0533FC51	2- 21	BQ	MQ	N	E
〃	29- 901	BQ	MQ	N	E
CPWBF0533FC52	2- 21	BQ	MP	N	E
〃	29- 901	BQ	MP	N	E
CPWBF0534FC51	2- 19	BA	GK	N	E
CPWBF0535FC51	3- 103	BH	HS	N	E
〃	24- 901	BH	HS	N	E
CPWBF0535FC52	3- 103	BH	HS	N	E
〃	24- 901	BH	HS	N	E
CPWBF0535FC53	3- 103	BH	HS	N	E
〃	24- 901	BH	HS	N	E
CPWBF0535FC54	3- 103	BH	HS	N	E
〃	24- 901	BH	HS	N	E
CPWBF0535FC55	3- 103	BH	HR	N	E
〃	24- 901	BH	HR	N	E
CPWBF0535FC56	3- 103	BH	HR	N	E
〃	24- 901	BH	HR	N	E
CPWBF0535FC57	3- 103	BH	HR	N	E
〃	24- 901	BH	HR	N	E
CPWBF0536FC31	8- 7	BN	LS	N	E
〃	33- 901	BN	LS	N	E
CPWBF0536FC32	8- 7	BN	LT	N	E
〃	33- 901	BN	LT	N	E
CPWBF0537FC51	16- 119	BC	GR	N	E
〃	25- 901	BC	GR	N	E
CPWBF0537FC52	16- 119	BD	GU	N	E
〃	25- 901	BD	GU	N	E
CPWBF0539FC51	16- 125	AT	FG	N	E
〃	23- 901	AT	FG	N	E
CPWBF0539FC52	16- 125	AX	FU	N	E
〃	23- 901	AX	FU	N	E
CPWBF0540FC51	16- 125	BB	GN	N	E
〃	23- 901	BB	GN	N	E
CPWBF0540FC52	16- 125	BC	GR	N	E
〃	23- 901	BC	GR	N	E
CPWBF0541FC31	6- 7	AM	EE	N	E
〃	30- 901	AM	EE	N	E
CPWBF0542FC32	16- 16	AV	FN	N	E
〃	28- 901	AV	FN	N	E
CPWBF0542FC51	15- 118	AV	FM	N	E
〃	27- 901	AV	FM	N	E
CPWBF0543FC51	3- 111	AW	FQ	N	E
〃	31- 901	AW	FQ	N	E
CPWBF0544FC51	3- 111	AW	FR	N	E
〃	31- 901	AW	FR	N	E
CPWBF0545FC51	4- 2	AR	EX	N	E
〃	32- 901	AR	EX	N	E
CPWBF0559FC51	3- 3	AQ	EU	N	E
〃	26- 901	AQ	EU	N	E
CPWBN0532FC51	8- 17	CA	TZ	N	E
〃	22- 901	CA	TZ	N	E
CPWBN0538FC31	8- 5	BR	MT	N	E
〃	34- 901	BR	MT	N	E
CR-WZ0242FC02	19- 27	AR	EV	N	B
CR-WZ0243FC02	19- 27	AR	EV	N	B
CR-WZ0244FC02	19- 27	AR	EV	N	B
CR-WZ0245FC02	19- 27	AR	EV	N	B
CR-WZ0246FC02	19- 27	AR	EV	N	B
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CR-WZ0314FC01	11- 7	AR	EX	N	B
CR-WZ0315FC01	11- 7	AR	EX	N	B
CRALM0030FC31	3- 124	AY	GA		C
CRALM0047FC01	2- 34	AN	EL	N	C
CREFL0106FC31	6- 501	BR	MV	N	E
CREFL0106FC32	6- 501	BR	MV	N	E
CREFL0106FC33	6- 501	BR	MV	N	E
CREFL0109FC51	3- 127	AZ	GE	N	E
〃	4- 901	AZ	GE	N	E
CROLR0401FC01	7- 2	AW	FP		C
CSFTZ0829FC01	9- 34	AG	DR	N	C
CSHEZ1585FC01	12- 22	AL	EB	N	C
CSLI-0057FC32	6- 15	AF	DP	N	C

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CSLI-0057FC32	6- 31	AF	DP	N	C
CSPAZ0229FC51	10- 20	AK	DY		E
CSPAZ0230FC51	10- 41	AG	DS		E
CSPK-0122FC31	15- 34	AT	FH		C
CSPK-0123FC31	15- 37	AQ	EU	N	E
CSRA-0018FC01	12- 17	AT	FG	N	C
CYOK-0015FC31	16- 101	AL	EC	N	D
CYOK-0015FC32	16- 101	AL	EC	N	D
CYOK-0015FC33	16- 101	AL	EC	N	D
CYOK-0015FC34	16- 101	AL	EC	N	D
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DHAI-1149FCZZ	9- 19	AS	FC	N	C
DHAI-1150FCZZ	6- 9	AR	EW	N	C
DHAI-1166FCZZ	11- 15	AM	EE	N	C
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DHAI-1167FC13	10- 30	AS	FB	N	C
DHAI-1175FCZZ	25- 2	AH	DV	N	C
DHAI-1181FCZZ	14- 54	AF	DP	N	C
DHAI-1181FC11	14- 54	AF	DP	N	C
DHAI-1182FCZZ	14- 53	AE	DJ	N	C
DHAI-1182FC11	14- 53	AD	DG	N	C
DHAI-1185FCZZ	6- 23	AX	FW	N	C
〃	19- 29	AX	FW	N	C
DHAI-1186FCZZ	2- 17	AM	EG	N	C
DHAI-1196FCZZ	25- 1	AR	EX	N	C
DHAI-1197FCZZ	23- 1	AE	DH	N	C
DHAI-1198FCZZ	23- 1	AD	DF	N	C
DHAI-1199FCZZ	28- 1	AC	DE	N	C
DHAI-1201FCZZ	25- 2	AH	DV	N	C
DHAI-1215FCZZ	27- 1	AC	DD	N	C
DHAI-1216FCZZ	19- 1	AW	FR	N	C
DHAI-1219FCZZ	9- 5	AF	DM	N	C
DUNT-5987FC11	12- 901	BG	HN	N	E
DUNTW5983FCZZ	14- 901	CA	TZ	N	E
DUNTW5983FC11	14- 901	CA	TZ	N	E
DUNTW5983FC12	14- 901	CA	TZ	N	E
DUNTW5983FC13	14- 901	CA	TZ	N	E
DUNTW5983FC14	14- 901	CA	UA	N	E
DUNTW5983FC15	14- 901	CA	TZ	N	E
DUNTW5983FC16	14- 901	CA	TZ	N	E
DUNTW5983FC17	14- 901	CA	TZ	N	E
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DUNTW5983FC19	14- 901	CA	TZ	N	E
DWIR-0466CSZZ	13- 3	BG	GZ		A
〔G〕					
GCAB-0508FCZZ	1- 6	AW	FP	N	D
GCAB-0509FCZZ	1- 2	AK	DX		D
GCAB-0510FCZZ	1- 3	AH	DX		D
GCAB-0522FCZZ	1- 4	AQ	ET	N	D
GCAB-0523FCZZ	1- 5	AZ	GD	N	D
GCAB-0524FCZZ	1- 7	AV	FN	N	D
GCAB-0526FCZZ	2- 38	AN	EK	N	D
GCASP0124FCZZ	21- 13	AV	FL		D
GCASP0127FCZZ	20- 13	AV	FN		D
GCASP0128FCZZ	20- 13	AT	FG	N	D
GCOVZ0146FCZZ	35- 4	AW	FQ		D
GLEGP0024FCZZ	16- 30	AC	DE		C
〃	16- 144	AC	DE		C
〔H〕					
HINDP0190FCZZ	2- 1	AL	EB	N	D
HINDP0191FCZZ	2- 1	AL	EB	N	D
HINDP0192FCZZ	2- 1	AL	EB	N	D
HPNLC0153FCZZ	2- 4	AN	EH	N	C
〔J〕					
JBTN-0075FCZZ	2- 7	AE	DJ	N	C
JBTN-0081FCZZ	2- 8	AC	DD	N	C
JHNDM0052FCZZ	3- 121	AG	DS		C
JHNDM0069FCZZ	16- 147	AH	DV		C
JHNDP0049FCZZ	10- 17	AR	EV		C
JKNBP0045FCZZ	14- 3	AC	DD		C
JKNBP0084FCZZ	15- 103	AC	DD		C
JKNBP0092FCZZ	2- 2	AC	DC	N	C
〔L〕					
LANGT1167FCZZ	2- 18	AD	DF	N	C
LANGT1168FCZZ	3- 20	AC	DE	N	C
〃	8- 106	AC	DE	N	C
LANGT1169FCZZ	8- 6	AB	DC	N	C
LANGT1170FCZZ	6- 43	AC	DE	N	C

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P R
LANGT1171FCZZ	6- 36	AC	DE	N	C
LANGT1172FCZZ	6- 41	AC	DE	N	C
LANGT1173FCZZ	6- 39	AC	DE	N	C
LANGT1175FCZZ	8- 12	AC	DE	N	C
LANGT1280HCZZ	8- 122	AA	DA		C
LBNDJ0011FCZZ	8- 21	AB	DA		C
LBNDJ0013FCZZ	15- 4	AA	DA		C
//	23- 2	AA	DA		C
//	25- 3	AA	DA		C
LBNDJ0020FCZZ	11- 14	AA	DB		C
//	16- 148	AA	DB		C
//	19- 18	AA	DB		C
LBSHC0133FCZZ	3- 25	AA	DA		C
LBSHC0166FCZZ	3- 16	AB	DC		C
LBSHC0205FCZZ	14- 23	AK	DY	N	C
LBSHZ0083FCZZ	16- 140	AC	DD		C
LBSHZ2029SCZZ	8- 9	AB	DD		C
LDAI-0276FCZZ	19- 19	AY	GB	N	C
LDAIU0200FCZZ	2- 36	AS	FF		C
LDAIU0259FCZZ	18- 5	AH	DW	N	D
LDAIU0261FCZZ	16- 129	AP	EN	N	C
LDAIU0262FCZZ	8- 2	AK	DZ	N	C
LDAIU0267FCZZ	3- 120	AQ	EV	N	C
LFIX-0016FCZZ	16- 131	AD	DH		C
//	16- 136	AD	DH		C
LFIX-0084FCZZ	16- 136	AC	DD		C
LFIX-0200FCZZ	12- 34	AF	DQ		C
LFIX-0205FCZZ	16- 132	AB	DB		C
LFIX-0251FCZZ	20- 9	AE	DK		C
LFIX-0252FCZZ	20- 36	AE	DJ		C
LFIX-0254FCZZ	6- 26	AC	DD	N	C
LFIX-0255FCZZ	6- 27	AC	DC	N	C
LFIX-0256FCZZ	6- 16	AC	DD	N	C
LFIX-0258FCZZ	10- 23	AA	DA	N	C
LFIX-0259FCZZ	19- 15	AC	DE	N	C
LFIX-0260FCZZ	19- 9	AK	DY	N	C
LFIX-0261FCZZ	19- 22	AD	DG	N	C
LFRM-0401FCZZ	9- 1	AK	DY	N	C
LFRM-0405FCZZ	12- 1	AG	DS	N	C
LFRM-0406FCZZ	6- 44	AQ	ES	N	C
LFRM-0407FCZZ	6- 45	AS	FA	N	C
LHLDW0429FCZZ	16- 19	AB	DB		C
//	19- 14	AB	DB		C
LHLDW0497FCZZ	6- 10	AB	DB		C
LHLDW0734FCZZ	3- 17	AA	DA		C
LHLDW0747FCZZ	14- 38	AB	DB	N	C
LHLDW1011ACZZ	25- 4	AC	DE		C
LHLDW2047SCZZ	11- 5	AA	DB		C
//	14- 51	AA	DB		C
//	19- 13	AA	DB		C
LHLDZ0479FCZZ	10- 39	AB	DC		C
LHLDZ0574FCZZ	13- 7	AH	DX		C
LHLDZ0575FCZZ	13- 5	AH	DX		C
LHLDZ0578FCZZ	13- 15	AD	DG		C
LHLDZ0579FCZZ	13- 13	AE	DK		C
LHLDZ0591FCZZ	17- 10	AE	DJ		C
LHLDZ0592FCZZ	17- 8	AC	DE		C
LHLDZ0715FCZZ	12- 36	AE	DJ		C
LHLDZ0740FCZZ	14- 6	AE	DL	N	C
LHLDZ0741FCZZ	14- 50	AE	DJ	N	C
LHLDZ0742FCZZ	6- 8	AM	ED	N	C
LHLDZ0743FCZZ	5- 2	AC	DE	N	C
//	31- 1	AC	DE	N	C
LHLDZ0744FCZZ	5- 2	AC	DE	N	C
//	31- 1	AC	DE	N	C
LHLDZ0745FCZZ	5- 4	AC	DE	N	C
//	31- 2	AC	DE	N	C
LHLDZ0746FCZZ	5- 4	AC	DE	N	C
//	31- 2	AC	DE	N	C
LPFTF0013FCZZ	9- 18	AD	DF		C
LPFTF0026FCZZ	3- 35	AG	DR	N	C
LPINS0024FCZZ	9- 8	AB	DB		C
//	14- 47	AB	DB		C
//	15- 38	AB	DB		C
//	15- 134	AB	DB		C
//	16- 10	AB	DB		C
LPINS0075FCZZ	16- 8	AB	DB		C
LPLTM1534FCZZ	10- 43	AC	DD		C
LPLTM1548FCZZ	12- 53	AF	DM		C
LPLTM1567FCZZ	16- 12	AF	DP		C

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LPLTM1593FCZZ	20- 10	AD	DG		C
LPLTM1594FCZZ	20- 27	AC	DD		C
LPLTM1604FCZZ	6- 1	AE	DK		C
LPLTM1605FCZZ	6- 2	AD	DH		C
LPLTM1617FCZZ	16- 109	AB	DC		C
LPLTM1622FCZZ	3- 6	AD	DG		C
LPLTM1674FCZZ	12- 19	AC	DE		C
LPLTM2045FCZZ	21- 6	AT	FG		C
LPLTM2046FCZZ	21- 6	AT	FF		C
LPLTM2047FCZZ	21- 6	AT	FG		C
LPLTM2075FCZZ	16- 103	AK	DY		C
LPLTM2077FCZZ	20- 8	AR	EX		C
LPLTM2079FCZZ	20- 8	AQ	EU		C
LPLTM2080FCZZ	20- 8	AR	EZ		C
LPLTM2082FCZZ	20- 8	AQ	ES		C
LPLTM2181FCZZ	16- 111	AH	DV	N	C
LPLTM2184FCZZ	12- 13	AK	DY	N	C
LPLTM2187FCZZ	12- 12	AC	DE	N	C
LPLTM2188FCZZ	12- 7	AB	DC	N	C
LPLTM2189FCZZ	12- 25	AG	DS	N	C
LPLTM2190FCZZ	12- 9	AC	DE	N	C
LPLTM2196FCZZ	6- 21	AB	DC	N	C
LPLTM2197FCZZ	3- 129	AD	DF	N	C
LPLTM2208FCZZ	6- 17	AF	DN	N	C
LPLTM2210FCZZ	5- 1	AD	DH	N	C
//	31- 3	AD	DH	N	C
LPLTM2211FCZZ	8- 8	AL	EC	N	C
LPLTM2212FCZZ	4- 1	AC	DE	N	C
LPLTM2213FCZZ	8- 102	AK	DY	N	C
LPLTM2214FCZZ	3- 106	AN	EK	N	C
LPLTM2215FCZZ	3- 27	AU	FK	N	C
LPLTM2217FCZZ	11- 6	AV	FM	N	C
LPLTM2218FCZZ	3- 101	AL	EC	N	C
LPLTM2219FCZZ	3- 38	AK	DZ	N	C
LPLTM2226FCZZ	15- 10	AD	DH	N	C
LPLTM2227FCZZ	15- 125	AD	DF	N	C
LPLTM2229FCZZ	15- 18	AD	DF	N	C
LPLTM2238FCZZ	20- 8	AP	EQ	N	C
LPLTM2239FCZZ	20- 8	AQ	ET	N	C
LPLTM2240FCZZ	20- 10	AD	DF	N	C
LPLTM2241FCZZ	14- 37	AN	EH	N	C
LPLTM2247FCZZ	3- 11	AC	DE	N	C
LPLTM2250FCZZ	6- 46	AD	DF	N	C
LPLTM2257FCZZ	8- 3	AE	DJ	N	C
LPLTM2262FCZZ	8- 13	AK	DZ	N	C
LPLTM2263FCZZ	35- 5	AC	DD	N	C
LPLTM2289FCZZ	3- 107	AN	EL	N	C
LPLTM2294FCZZ	19- 3	AG	DU	N	C
LPLTM2295FCZZ	19- 25	AF	DP	N	C
LPLTM2331FCZZ	19- 21	AN	EK	N	C
LPLTP2244FCZZ	14- 35	AH	DV	N	C
LPLTP2245FCZZ	10- 6	AB	DB	N	C
LPLTP2296FCZZ	19- 10	AN	EJ	N	C
LSOU-0052FCZZ	1- 10	AT	FH		C
LSTPT0039FCZZ	8- 112	AC	DD		C
LSTPT0058FCZZ	14- 4	AC	DD		C
LSTPT0138FCZZ	9- 15	AE	DL		C
LSTYM0086FCZZ	15- 15	AL	EC	N	C
LSTYM0087FCZZ	16- 15	AK	DY	N	C
LSUPP0004FCZZ	16- 126	AC	DD		C
LSUPP0018FCZZ	8- 11	AE	DL		C
LSUPP0030FCZZ	8- 15	AA	DA		C
LSUPP0031FCZZ	8- 14	AA	DA		C
LSUPP0033FCZZ	3- 104	AA	DA	N	C
//	8- 4	AA	DA	N	C
//	16- 120	AA	DA	N	C
LSUPP0041FCZZ	3- 105	AA	DA	N	C
//	16- 128	AA	DA	N	C
LX-BZ0056FCZZ	14- 56	AA	DA		C
LX-BZ0071FCZZ	15- 101	AA	DA		C
LX-BZ0119FCZZ	10- 37	AB	DB		C
LX-BZ0130FCZZ	6- 34	AA	DA		C
LX-BZ0153FCZZ	2- 37	AD	DH		C
LX-BZ0187FCZZ	10- 21	AA	DA		C
LX-BZ0191FCZZ	16- 130	AA	DA		C
//	16- 135	AA	DA		C
LX-BZ0192FCZZ	16- 135	AA	DA		C
LX-BZ0194FCZZ	3- 133	AB	DB		C
LX-BZ0245FCZZ	9- 14	AB	DB		C
LX-BZ0247FCZZ	10- 5	AC	DD		C

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LX-BZ0252FCZZ	18- 8	AD	DH		C
LX-BZ0253FCZZ	7- 25	AB	DB		C
LX-BZ0255FCZZ	2- 39	AD	DF		C
LX-BZ0256FCZZ	12- 2	AB	DB		C
LX-BZ0260FCZZ	16- 108	AA	DA		C
LX-BZ0268FCZZ	13- 19	AB	DB		C
LX-BZ0269FCZZ	35- 6	AF	DN		C
LX-BZ0319FCZZ	14- 57	AC	DD		C
LX-BZ0322FCZZ	12- 31	AB	DB		C
LX-BZ0329FCZZ	35- 7	AB	DB		C
LX-BZ0334FCZZ	12- 14	AA	DA		C
LX-BZ0335FCZZ	12- 8	AA	DA		C
LX-BZ0339FCZZ	2- 35	AA	DA	N	C
〃	6- 14	AA	DA	N	C
〃	6- 30	AA	DA	N	C
LX-BZ0351FCZZ	3- 34	AB	DB	N	C
LX-BZ0353FCZZ	16- 149	AA	DA	N	C
LX-BZ1097CCZZ	2- 20	AA	DA		C
LX-BZ1159CCZZ	15- 48	AA	DA	N	C
LX-BZ4006HC06	12- 40	AB	DB		C
〃	14- 52	AB	DB		C
LX-NZ0035FCZZ	14- 34	AA	DA		C
LX-NZ0049FCZZ	8- 18	AA	DA		C
〃	22- 1	AA	DA		C
LX-NZ0058FCZZ	10- 7	AB	DB		C
LX-WZ0017FCZZ	8- 116	AA	DA		C
〃	15- 104	AA	DA		C
LX-WZ0028FCZZ	14- 55	AA	DA		C
LX-WZ0048FCZZ	15- 29	AA	DA		C
〃	15- 107	AA	DA		C
LX-WZ0071FCZZ	10- 34	AA	DA		C
LX-WZ0079FCZZ	8- 123	AC	DE		C
〃	16- 23	AC	DE		C
〃	16- 115	AC	DE		C
LX-WZ0086FCZZ	15- 102	AA	DA		C
LX-WZ0115FCZZ	10- 25	AA	DA		C
LX-WZ0149FCZZ	9- 11	AA	DA		C
LX-WZ0193FCZZ	10- 24	AA	DA		C
LX-WZ0204FCZZ	15- 54	AA	DA	N	C
LX-WZ1003HCZZ	15- 33	AA	DA		C
[M]					
MCAMP0060FCZZ	14- 19	AB	DB	N	C
MCHN-0089FCZZ	15- 42	AP	EN	N	B
MLEVF0138FCBZ	20- 16	AB	DB		C
〃	21- 12	AB	DB		C
MLEVF0374FCZZ	3- 30	AC	DE	N	C
MLEVF0377FCZZ	14- 30	AF	DN	N	C
MLEVF0378FCZZ	14- 45	AF	DN	N	C
MLEVF0386FCZZ	3- 13	AG	DS	N	C
MLEVF0394FCZZ	19- 20	AN	EH	N	C
MLEVP0315FCZ1	16- 105	AB	DC		C
MLEVP0375FCZZ	15- 12	AD	DH	N	C
MLEVP0376FCZZ	15- 6	AG	DT	N	C
MLEVP0379FCZZ	14- 8	AB	DC	N	C
MLEVP0385FCZZ	15- 126	AD	DH	N	C
MSLIM0035FCZZ	20- 30	AC	DE		C
MSPRC0089FCZZ	9- 28	AB	DD		C
MSPRC0826FCZZ	3- 7	AA	DA		C
MSPRC0827FCZZ	9- 12	AA	DA		C
MSPRC1031FCZZ	20- 15	AC	DE		C
〃	20- 32	AC	DE		C
MSPRC1044FCZZ	21- 10	AC	DC		C
MSPRC1045FCZZ	21- 10	AC	DC		C
MSPRC1057FCZZ	20- 15	AB	DC		C
MSPRC1082FCZZ	12- 29	AB	DB		C
MSPRC1097FCZZ	8- 108	AW	FS	N	C
〃	16- 22	AW	FS	N	C
〃	16- 112	AW	FS	N	C
MSPRC1099FCZZ	9- 32	AE	DK	N	C
MSPRC1120FCZZ	14- 21	AA	DA	N	C
MSPRP0887FCZZ	3- 12	AC	DD		C
MSPRP1059FCZZ	15- 111	AC	DE		C
MSPRP1060FCZZ	15- 21	AD	DF		C
MSPRP1122FCZZ	6- 6	AF	DP	N	C
MSPRP1123FCZZ	6- 4	AF	DQ	N	C
MSPRP1167FCZZ	19- 12	AD	DF	N	C
MSPRP1174FCZZ	6- 22	AC	DC	N	C
MSPRT0513FCZZ	13- 6	AA	DB		B
MSPRT0646FCZZ	15- 31	AB	DB		B
〃	15- 109	AB	DB		B

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MSPRT0660FCZZ	9- 41	AB	DC		C
MSPRT0735FCZZ	15- 105	AA	DA		C
MSPRT0833FCZZ	16- 13	AD	DF		C
MSPRT0840FCZZ	9- 38	AA	DA		C
MSPRT0858FCZZ	7- 16	AC	DD		C
MSPRT0860FCZZ	12- 54	AA	DA		C
MSPRT0861FCZZ	12- 50	AA	DA		C
MSPRT0871FCZZ	19- 11	AD	DF		C
MSPRT1052FCZZ	16- 110	AB	DB		C
MSPRT1086FCZZ	12- 32	AB	DC		C
MSPRT1098FCZZ	3- 32	AB	DB	N	C
MSPRT1100FCZZ	9- 22	AA	DA	N	C
MSPRT1101FCZZ	9- 36	AA	DA	N	C
MSPRT1102FCZZ	8- 117	AA	DA	N	C
MSPRT1106FCZZ	3- 114	AA	DA	N	C
MSPRT1108FCZZ	15- 44	AB	DB	N	C
MSPRT1109FCZZ	15- 8	AB	DB	N	C
MSPRT1111FCZZ	15- 47	AA	DA	N	C
MSPRT1112FCZZ	15- 26	AA	DA	N	C
MSPRT1115FCZZ	14- 29	AB	DB	N	C
MSPRT1116FCZZ	14- 13	AB	DB	N	C
MSPRT1117FCZZ	14- 15	AA	DA	N	C
MSPRT1118FCZZ	14- 41	AA	DA	N	C
MSPRT1119FCZZ	11- 10	AB	DB	N	C
MSPRT1121FCZZ	14- 9	AA	DA	N	C
[N]					
NBALS0004FCZZ	14- 10	AA	DA	N	C
NBLTH0070FCZZ	9- 3	AL	EC	N	B
NBRGC0100FCZZ	14- 14	AC	DD		C
NBRGC0136FCZZ	10- 22	AC	DD		B
NBRGC0167FCZZ	9- 2	AB	DC		C
NBRGC0173FCZZ	12- 4	AE	DK		B
NBRGC0180FCZZ	10- 38	AN	EG		C
NBRGC0249FCZZ	14- 31	AC	DD		C
NBRGC0254FCZZ	3- 37	AB	DC	N	C
〃	3- 134	AB	DC	N	C
〃	8- 103	AB	DC	N	C
〃	14- 5	AB	DC	N	C
〃	15- 30	AB	DC	N	C
〃	15- 108	AB	DC	N	C
〃	16- 4	AB	DC	N	C
NBRGM5006BCZZ	7- 7	AB	DB		B
NBRGP0119FCZZ	15- 132	AC	DD		C
NBRGP0251FCZZ	15- 130	AC	DD		C
NBRGY0253FCZZ	14- 26	AH	DV	N	C
NBRGY0255FCZZ	14- 7	AN	EK	N	C
NGERH0049FCZZ	9- 24	AD	DH		C
NGERH0144FCZZ	16- 14	AF	DN		C
NGERH0187FCZZ	15- 36	AD	DH		C
NGERH0188FCZZ	14- 48	AD	DF		C
〃	16- 11	AD	DF		C
NGERH0193FCZZ	18- 7	AB	DC		C
〃	20- 33	AB	DC		C
NGERH0253FCZZ	10- 36	AC	DE		C
NGERH0254FCZZ	10- 31	AC	DE		C
NGERH0261FCZZ	19- 6	AN	EH		C
NGERH0262FCZZ	9- 37	AG	DS		C
NGERH0314FCZZ	15- 39	AC	DD		C
NGERH0317FCZZ	9- 25	AC	DE		C
NGERH0363FCZZ	15- 32	AD	DG		C
NGERH0370FCZZ	9- 7	AD	DG	N	C
NGERH0372FCZZ	9- 31	AD	DG	N	C
NGERH0374FCZZ	8- 113	AB	DC	N	C
NGERH0378FCZZ	3- 132	AG	DU	N	C
〃	8- 104	AG	DU	N	C
NGERH0379FCZZ	14- 49	AK	DZ	N	C
NGERH0380FCZZ	8- 124	AG	DT	N	C
NGERR0316FCZZ	20- 34	AE	DK		C
NGERR0377FCZZ	18- 6	AD	DH	N	C
NPLYD0260FCZZ	19- 5	AG	DT		C
NPLYZ0112FCZZ	8- 111	AC	DD		C
NPLYZ0114FCZZ	9- 17	AE	DH		C
NPLYZ0127FCZZ	8- 120	AE	DJ	N	C
NPLYZ0128FCZZ	6- 35	AE	DH	N	C
NPLYZ0129FCZZ	6- 29	AD	DF	N	C
〃	6- 40	AD	DF	N	C
NPLYZ0130FCZZ	3- 33	AK	DZ	N	C
NRÖLI0507FCZZ	14- 28	BE	HB	N	C
NRÖLM0375FCZZ	10- 45	BM	LG		C
NRÖLN0372FCZZ	14- 32	AQ	ET		C

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NROLN0509FCZZ	14- 16	AW	FQ	N	C
NROLP0374FCZZ	10- 18	AT	FF		C
NROLP0377FCZZ	12- 18	AT	FH		C
NROLP0487FCZZ	16- 1	AB	DB		C
NROLP0510FCZZ	11- 11	AC	DD	N	C
NROLP0512FCZZ	3- 115	AB	DB	N	C
〃	15- 7	AB	DB	N	C
NROLR0488FCZZ	16- 7	AF	DQ		C
NROLR0501FCZZ	15- 17	AS	FC	N	C
NROLR0502FCZZ	15- 120	AT	FH	N	C
NROLR0503FCZZ	15- 135	AW	FR	N	C
NROLR0504FCZZ	15- 121	AW	FQ	N	C
NROLR0505FCZZ	15- 16	AP	EP	N	C
NROLR0508FCZZ	14- 44	AQ	ET	N	C
NROLT0506FCZZ	14- 24	BF	HH	N	C
NSFTZ0611FCZZ	3- 8	AC	DD		C
NSFTZ0613FCZZ	3- 10	AD	DG		C
NSFTZ0616FCZZ	12- 55	AG	DS		C
NSFTZ0617FCZZ	12- 52	AN	EK		C
NSFTZ0622FCZZ	20- 18	AB	DC		C
〃	21- 7	AB	DC		C
NSFTZ0630FCZZ	10- 42	AG	DT		C
NSFTZ0824FCZZ	3- 29	AR	EW	N	C
NSFTZ0825FCZZ	9- 16	AM	EF	N	C
NSFTZ0828FCZZ	9- 10	AG	DS	N	C
NSFTZ0831FCZZ	9- 26	AH	DU	N	C
NSFTZ0834FCZZ	15- 131	AP	EP	N	C
NSFTZ0839FCZZ	16- 9	AP	EP	N	C
NSFTZ0840FCZZ	16- 2	AM	EF	N	C
NSFTZ0841FCZZ	14- 20	AP	EL	N	C
NSFTZ0842FCZZ	3- 36	AR	EW	N	C
〃	8- 105	AR	EW	N	C
NSFTZ0843FCZZ	14- 27	AM	ED	N	C
NSFTZ0871FCZZ	10- 35	AE	DL	N	C
NSFTZ0872FCZZ	19- 23	AW	FR	N	C
NSPK-0113FCZZ	15- 41	AC	DD		C
〔P〕					
PBRSR0012FCZZ	35- 9	AE	DL		D
PBRSR0052FCZZ	11- 12	AH	DW		B
PBRSR0059FCZZ	14- 39	AK	EA	N	B
PCASZ0106FCZZ	7- 4	AN	EJ		C
PCASZ0112FCZ1	7- 19	AK	DY		C
PCLC-0009FCZZ	9- 29	AD	DH		B
PCLC-0090FCZZ	9- 13	AD	DF		B
PCLC-0091FCZZ	12- 3	AC	DC		C
PCLR-0256FCZZ	15- 133	AB	DC	N	C
PCLR-0259FCZZ	15- 106	AB	DB	N	C
PCOVH0541FCZZ	16- 116	AG	DS		B
PCOVH0544FCZZ	3- 4	AB	DB		C
PCOVH0555FCZZ	7- 13	AE	DK		C
PCOVH0556FCZZ	12- 28	AE	DK		C
PCOVH0572FCZZ	16- 25	AG	DR		C
PCOVH0573FCZZ	16- 27	AP	EM		C
PCOVH0623FCZZ	20- 35	AG	DR		C
PCOVH0624FCZZ	20- 29	AF	DN		C
PCOVP0525FCZZ	10- 4	AK	DY		C
PCOVP0527FCZZ	13- 2	AA	DA		C
PCOVP0534FCZZ	13- 11	AC	DC		C
PCOVP0690FCZZ	3- 2	AH	DX	N	C
PCOVP0691FCZZ	9- 39	AB	DB	N	C
PCOVP0694FCZZ	14- 1	AP	EM	N	C
PCOVP0695FCZZ	11- 9	AL	EC	N	C
PCOVP0697FCZZ	13- 1	AB	DB	N	C
PCOVP0698FCZZ	13- 12	AB	DB	N	C
PCOVP0699FCZZ	3- 14	AE	DJ	N	C
PCOVP0701FCZZ	12- 26	AF	DQ	N	C
PCOVP0726FCZZ	14- 1	AQ	ES	N	C
PCOVQ0693FCZZ	14- 22	AQ	ER	N	C
PCOVW0700FCZZ	8- 16	AD	DF	N	C
〃	22- 2	AD	DF	N	C
PCUSF0132FCZZ	2- 30	AA	DA		C
PCUSF0163FCZZ	2- 3	AA	DA	N	C
PCUSF0164FCZZ	3- 131	AA	DA	N	C
PFILW0092FCZZ	5- 3	AC	DC	N	B
〃	31- 4	AC	DC	N	B
PFILW0093FCZZ	5- 3	AC	DC	N	B
〃	31- 4	AC	DC	N	B
PFILW0094FCZZ	4- 5	AD	DH	N	B
PFILZ0090FCZZ	11- 1	AR	EX	N	B
PFILZ0091FCZZ	16- 26	AH	DW	N	B

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P R
PFTA-0045FCZZ	20- 2	AR	EW		D
〃	21- 2	AR	EW		D
PFTA-0046FCZZ	7- 17	AL	EC		C
PFTA-0051FCZZ	21- 3	AM	ED		D
PFTA-0059FCZZ	20- 2	AT	FH		D
PFTA-0060FCZZ	20- 3	AM	EF	N	D
PGIDH0635FCZZ	7- 15	AE	DJ		C
PGIDH0638FCZZ	13- 16	AE	DH		C
PGIDH0734FCZZ	15- 112	AF	DN		C
PGIDH0735FCZZ	15- 19	AF	DN		C
PGIDH0771FCZZ	15- 113	AH	DX		C
PGIDH0772FCZZ	15- 20	AH	DX		C
PGIDH0800FCZZ	15- 13	AC	DC	N	C
PGIDH0801FCZZ	15- 14	AN	EL	N	C
PGIDH0802FCZZ	15- 2	AM	ED	N	C
PGIDH0803FCZZ	15- 114	AK	DZ	N	C
PGIDH0804FCZZ	15- 122	AM	EE	N	C
PGIDH0805FCZZ	15- 117	AP	EQ	N	C
PGIDH0806FCZZ	18- 1	AC	DD	N	C
PGIDH0807FCZZ	18- 2	AC	DD	N	C
PGIDH0809FCZZ	14- 42	AL	EC	N	C
PGIDH0811FCZZ	6- 12	AF	DN	N	C
PGIDH0812FCZZ	17- 3	AG	DS	N	C
PGIDH0815FCZZ	17- 6	AG	DS	N	C
PGIDH0816FCZZ	6- 13	AC	DE	N	C
〃	19- 28	AC	DE	N	C
PGIDH0817FCZZ	6- 11	AE	DK	N	C
PGIDH0855FCZZ	7- 18	AK	DY	N	C
PGIDH0856FCZZ	7- 26	AE	DK	N	C
PGLSP0050FCZZ	2- 32	BA	GG	N	B
PGUMS0126FCZZ	13- 14	AC	DC		C
PGUMS0138FCZZ	20- 37	AB	DB		C
PGUMS0142FCZZ	7- 28	AA	DA	N	C
PGUMS0146FCZZ	2- 29	AA	DA	N	C
PGUMS0147FCZZ	2- 28	AA	DA	N	C
PGUMS0153FCZZ	15- 50	AA	DB	N	C
PGUMS0154FCZZ	15- 53	AC	DD	N	C
PGUMS0155FCZZ	15- 52	AA	DA	N	C
PHOG-0213FCZZ	16- 138	AB	DC		C
PHOG-2029SCZZ	3- 135	AC	DE		C
PLNS-0027FCZZ	19- 8	CC	UE	N	B
PMAGT0033FCZZ	3- 19	AD	DF		B
PMIR-0041FCZZ	6- 18	AR	FA		B
PMIR-0048FCZZ	6- 25	AU	FK	N	B
PMIR-0049FCZZ	6- 28	AV	FL	N	B
PMIR-0051FCZZ	19- 16	BB	GN	N	B
PMLT-0401FCZZ	10- 29	AA	DA		C
PMLT-0403FCZZ	16- 24	AA	DA		C
PMLT-0405FCZZ	7- 24	AB	DB		C
PMLT-0406FCZZ	7- 20	AB	DB		C
PMLT-0408FCZZ	7- 23	AA	DA		C
PMLT-0409FCZZ	7- 21	AA	DA		C
PMLT-0410FCZZ	7- 3	AC	DD		C
PMLT-0413FCZZ	7- 22	AC	DC		C
PMLT-0416FCZZ	7- 8	AB	DB		C
PMLT-0436FCZZ	12- 20	AA	DA		C
PMLT-0439FCZZ	7- 14	AB	DC		C
PMLT-0440FCZZ	7- 14	AB	DC		C
PMLT-0441FCZZ	7- 14	AB	DC		C
PMLT-0442FCZZ	7- 11	AA	DA		C
PMLT-0443FCZZ	7- 12	AB	DB		C
PMLT-0444FCZZ	7- 10	AB	DB		C
PMLT-0564FCZZ	12- 16	AB	DC	N	C
PMLT-0566FCZZ	11- 2	AD	DF	N	C
PMLT-0567FCZZ	12- 6	AA	DA	N	C
PMLT-0571FCZZ	12- 10	AB	DC	N	C
PMLT-0572FCZZ	12- 21	AA	DA	N	C
PMLT-0575FCZZ	16- 33	AA	DA	N	C
PMLT-0577FCZZ	10- 52	AA	DA	N	C
PMLT-0578FCZZ	10- 50	AA	DA	N	C
PMLT-0579FCZZ	10- 55	AA	DA	N	C
PMLT-0580FCZZ	3- 102	AA	DA	N	C
PMLT-0581FCZZ	7- 27	AA	DA	N	C
PMLT-0583FCZZ	6- 48	AB	DC	N	C
PMLT-0584FCZZ	6- 49	AB	DC	N	C
PPIPP0074FCZZ	35- 8	AG	DS		D
PPIPP0087FCZZ	35- 8	AG	DU		D
PPIPP0097FCZZ	9- 33	AB	DC	N	C
PRDAR0041FCZZ	24- 1	AG	DT	N	C
PREFL0106FCZZ	6- 47	BA	GH	N	C

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PREFL0109FCZZ	4- 3	AN	EH	N	C
PRNGP0013FCZZ	10- 44	AK	DY		C
PRNGP0015FCZZ	10- 19	AK	DY		C
PRNGP0033FCZZ	12- 51	AA	DA		C
PRNGP0041FCZZ	8- 110	AB	DB		C
PSEL-0075FCZZ	10- 28	AB	DB		C
PSEL-0083FCZZ	10- 1	AB	DB		C
PSEL-0087FCZZ	10- 40	AA	DA		C
PSEL-0089FCZZ	10- 9	AC	DD		C
PSEL-0090FCZZ	10- 3	AB	DB		C
PSEL-0091FCZZ	10- 10	AB	DC		C
PSEL-0092FCZZ	10- 12	AB	DB		C
PSEL-0093FCZZ	10- 11	AA	DA		C
PSEL-0095FCZZ	10- 26	AA	DA		C
PSEL-0132FCZZ	20- 14	AA	DA		C
〃	21- 9	AA	DA		C
PSEL-0172FCZZ	10- 48	AA	DA	N	C
PSEL-0173FCZZ	10- 15	AA	DA	N	C
PSEL-0174FCZZ	10- 16	AA	DA	N	C
PSEL-0199FCZZ	12- 38	AC	DE	N	C
PSEL-0200FCZZ	12- 37	AD	DG	N	C
PSEL-0201FCZZ	10- 51	AD	DG	N	C
PSEL-0202FCZZ	10- 53	AC	DE	N	C
PSHEP0957FCZZ	10- 49	AB	DB		C
PSHEP1042FCZZ	17- 5	AE	DJ		C
PSHEP1055FCZZ	17- 7	AC	DD		C
PSHEP1059FCZZ	3- 21	AB	DB		C
PSHEP1065FCZZ	17- 4	AC	DD		C
PSHEP1067FCZZ	3- 123	AB	DB		C
PSHEP1068FCZZ	3- 122	AB	DB		C
PSHEP1084FCZZ	7- 6	AB	DB		C
PSHEP1085FCZZ	7- 5	AB	DB		C
PSHEP1089FCZZ	3- 119	AB	DC		C
PSHEP1112FCZZ	10- 47	AB	DC		C
PSHEP1113FCZZ	16- 127	AC	DC		C
PSHEP1286FCZZ	20- 19	AE	DK		C
PSHEP1323FCZZ	20- 17	AB	DB		C
〃	21- 11	AB	DB		C
PSHEP1325FCZZ	20- 17	AB	DB		C
PSHEP1410FCZZ	20- 22	AB	DC		C
PSHEP1446FCZZ	15- 116	AB	DB		C
PSHEP1502FCZZ	16- 104	AA	DA		C
PSHEP1521FCZZ	15- 123	AB	DB		C
PSHEP1548FCZZ	13- 8	AA	DA		C
PSHEP1575FCZZ	3- 118	AF	DQ	N	C
PSHEP1576FCZZ	3- 117	AF	DQ	N	C
PSHEP1577FCZZ	16- 20	AB	DB	N	C
〃	16- 146	AB	DB	N	C
PSHEP1578FCZZ	15- 5	AB	DB	N	C
PSHEP1579FCZZ	15- 9	AB	DC	N	C
PSHEP1580FCZZ	15- 3	AB	DB	N	C
PSHEP1581FCZZ	3- 112	AG	DR	N	C
PSHEP1582FCZZ	5- 5	AA	DA	N	C
〃	31- 5	AA	DA	N	C
PSHEP1591FCZZ	2- 5	AA	DA	N	C
PSHEP1592FCZZ	3- 108	AD	DG	N	C
PSHEP1595FCZZ	12- 23	AC	DE	N	C
PSHEP1621FCZZ	12- 5	AD	DF		C
PSHEP1626FCZZ	2- 22	AB	DC	N	C
PSHEP1627FCZZ	15- 49	AB	DC	N	C
PSHEP1631FCZZ	16- 32	AB	DC	N	C
PSHEP1672FCZZ	12- 24	AC	DC	N	C
PSHEP1673FCZZ	17- 2	AB	DB	N	C
PSHEP1674FCZZ	17- 1	AB	DB	N	C
PSHEP1675FCZZ	10- 54	AA	DA	N	C
PSHEP1677FCZZ	11- 13	AK	DY	N	C
PSHEP1718FCZZ	15- 127	AD	DF	N	C
PSHEZ0738FCZZ	20- 6	AD	DG		C
PSHEZ1008FCZZ	2- 24	AX	FX		C
PSHEZ1027FCZZ	7- 9	AC	DD		C
PSHEZ1538FCZZ	20- 6	AD	DH		C
〃	20- 21	AD	DH		C
〃	21- 8	AD	DH		C
PSHEZ1694FCZZ	10- 56	AA	DA	N	C
PSHT-0038FCZZ	12- 30	AE	DK		C
PSLD-0159FCZZ	19- 17	AU	FJ	N	C
PSLD-0160FCZZ	19- 7	AP	EQ	N	C
PSPAZ0095FCZZ	9- 27	AB	DB		C
PSPAZ0321FCZZ	16- 29	AH	DV		C
〃	16- 145	AH	DV		C

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P R
PSPAZ0337FCZZ	20- 39	AA	DA		C
PSPAZ0341FCZZ	29- 1	AC	DE	N	C
PSPAZ0342FCZZ	3- 23	AA	DA	N	C
PSPAZ0360FCZZ	15- 51	AB	DB	N	C
PSPAZ0361FCZZ	15- 136	AD	DH	N	C
PSRA-0017FCZZ	16- 107	AM	ED		C
PTME-0109FCZZ	15- 25	AC	DC		C
PTME-0112FCZZ	12- 56	AL	EC		C
PTME-0113FCZZ	9- 42	AC	DE		
PTME-0149FCZZ	14- 40	AF	DP	N	C
PTUBP0078FCZZ	12- 57	AC	DE	N	C
PWIR-0103FCZZ	6- 38	AR	EX	N	C
PWIR-0104FCZZ	19- 4	AT	FG	N	C
[Q]					
QACCD7412QCZZ	16- 137	AW	FS		B
QACCJ3412QCZZ	16- 137	AN	EG		B
QACCL8421QCZZ	16- 137	AW	FV		B
QACCV6420QCZZ	16- 137	AV	FL		B
QCNCM0043FCZZ	24- 2	AB	DB		B
QCNCM0051FCZZ	32- 1	AB	DB		B
QCNCM0055FCZZ	31- 6	AC	DD		C
QCNCM0077FCZZ	22- 3	AF	DL		C
QCNCM0079FCZZ	24- 3	AC	DD		B
QCNCM0109FCZZ	22- 4	AN	EG		C
QCNCM0150FCZZ	26- 1	AD	DH		C
QCNCM0157FCZZ	24- 4	AB	DB		B
QCNCM0158FCZZ	24- 5	AB	DC		C
QCNCM0160FCZZ	25- 5	AC	DD		C
QCNCM0161FCZZ	22- 5	AC	DD		C
QCNCM0199FCZZ	22- 6	AD	DF	N	C
QCNCM0204FCZZ	22- 7	AE	DH	N	C
QCNCM0233FCZZ	24- 6	AD	DG	N	C
QCNCM0234FCZZ	22- 8	AG	DT	N	C
QCNCM0235FCZZ	22- 9	AH	DV	N	C
QCNCM0236FCZZ	29- 2	AM	EE		C
QCNW-0029FCZZ	16- 137	AU	ES		C
QCNW-0069FCZZ	16- 137	AC	DD		C
QCNW-0090FCZZ	16- 137	AU	EL		C
QCNW-0116FCZZ	29- 3	AB	DB	N	C
QCNW-0120FCZZ	16- 137	AU	FL		C
QEARP0018FCZZ	17- 9	AB	DB	N	C
QFS-A2700QCZZ	16- 123	AD	DH		A
QFS-B0012FCZZ	16- 123	AH	DK		A
QFS-B0030FCZZ	16- 123	AH	DS		A
QFSHB0020FCZZ	16- 124	AF	DL		C
QPLG-0023FCZZ	13- 17	AF	DQ		C
QPLG-0030FCZZ	13- 4	AE	DL		C
QPLGA0002QCZZ	16- 137	AN	EH		C
QSLPA0082FCZZ	9- 6	AB	DB	N	C
QSW-C1380QCZZ	16- 117	AS	FB		B
QSW-L0240FCZZ	16- 6	AN	EH		B
QSW-L0281FCZZ	15- 11	AK	DY	N	B
QSW-L0282FCZZ	15- 124	AK	DY	N	B
QSW-L0283FCZZ	15- 1	AK	DY	N	B
QSW-L0284FCZZ	15- 129	AN	EK	N	B
QSW-L0285FCZZ	11- 8	AL	EC	N	B
QSW-M0271FCZZ	3- 113	AN	EJ		B
QSW-M0286FCZZ	3- 24	AH	DU	N	B
QSW-P0287FCZZ	27- 2	AB	DB	N	B
〃	28- 2	AB	DB	N	B
〃	29- 4	AB	DB	N	B
QSW-S0238FCZZ	26- 2	AF	DQ		B
QSW-S0288FCZZ	24- 7	AE	DH	N	B
QSW-Z1066HCZZ	22- 10	AH	DX		B
QTANN0015FCZZ	16- 139	AG	DS		C
〃	25- 6	AG	DS		C
QTANP0046FCZZ	23- 3	AA	DA		C
〃	29- 5	AA	DA		C
QTANP0093FCZZ	23- 4	AB	DB	N	C
QTANP0096FCZZ	16- 137	AA	DA	N	C
[R]					
RC-QZ0260FCZZ	23- 6	AH	DU		C
RC-CZ0246FCZZ	22- 11	AF	DN		C
RC-FZ0266FCZZ	11- 4	AP	EN	N	B
RC-FZ0267FCZZ	11- 4	AN	EK	N	B
RC-FZ0268FCZZ	11- 4	AN	EG	N	B
RC-FZ0269FCZZ	11- 4	AS	FC	N	B
RC-FZ0270FCZZ	11- 4	AR	EW	N	B
RC-FZ0271FCZZ	11- 4	AP	EN	N	B
RC-KZ0046FCZZ	23- 5	AE	DH		C

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RC-KZ0248FCZZ	23- 5	AD	DF		C
RC-QZ0022FCZZ	23- 6	AK	DY		C
RC-QZ0117FCZZ	22- 12	AD	DH		C
//	24- 8	AD	DH		C
RC-QZ0188FCZZ	23- 6	AF	DQ		C
RCILF0009FCZZ	24- 9	AN	EG		C
RCILF0027FCZZ	23- 7	AQ	EW		C
RCILF0031FCZZ	23- 8	AR	EZ		C
RCILF0041FCZZ	23- 7	AQ	ET	N	C
RCILF0042FCZZ	24- 9	AN	EK	N	C
RDTCT0045FCZZ	14- 33	AT	FG	N	B
RH-DZ0016FCZZ	22- 13	AB	DB		B
RLMPM5490QCN2	29- 6	AE	DH		B
RLMPP0320FCZZ	4- 4	AE	DL		B
//	32- 2	AE	DL		B
RLMPU0313FCZZ	14- 25	BA	GJ		B
RLMPU0314FCZZ	14- 25	BA	GJ		B
RLMPU0315FCZZ	14- 25	BA	GJ		B
RLMPU0316FCZZ	14- 25	BA	GJ		B
RLMPU0317FCZZ	14- 25	BA	GJ		B
RLMPU0318FCZZ	14- 25	BA	GJ		B
RLMPU0319FCZZ	14- 25	BA	GJ		B
RLMPU0321FCZZ	6- 5	AZ	GF		B
RLMPU0322FCZZ	6- 5	AZ	GF		B
RMOTD0396FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0397FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0398FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0399FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0400FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0401FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0402FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0403FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0404FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTD0419FCZZ	3- 125	BR	MT	N	B
//	8- 114	BR	MT	N	B
RMOTE0366FCZZ	16- 28	BE	HB		B
RMOTE0367FCZZ	16- 28	BE	HB		B
RMOTE0368FCZZ	16- 28	BE	HB		B
RMOTE0369FCZZ	16- 28	BE	HB		B
RMOTE0370FCZZ	16- 28	BE	HB		B
RMOTE0371FCZZ	16- 28	BE	HB		B
RMOTE0390FCZZ	11- 3	BF	HD	N	B
RMOTE0391FCZZ	11- 3	BF	HD	N	B
RMOTE0392FCZZ	11- 3	BF	HD	N	B
RMOTE0393FCZZ	11- 3	BF	HD	N	B
RMOTE0394FCZZ	11- 3	BF	HD	N	B
RMOTE0395FCZZ	11- 3	BF	HD	N	B
RMOTP0405FCZZ	8- 101	BP	MC	N	B
RMOTV0420FCZZ	19- 2	BE	HC	N	B
RMPTA0017FCZZ	24- 10	AE	DK		B
//	25- 7	AE	DK		B
RMPTA0022FCZZ	24- 10	AF	DN		B
//	25- 7	AF	DN		B
RMPTC3272QCKB	22- 14	AA	DA		B
RMPTC4103QCKB	22- 15	AC	DD		B
RMPTC4472QCKB	22- 16	AB	DD		B
RMPTC5272QCKB	22- 17	AB	DC		B
RMPTC5821QCKB	29- 9	AB	DC		B
RMPTC6272QCKB	22- 18	AB	DD		B
RMPTC8103QCKB	22- 19	AD	DH		B
RMPTW3223QCKE	22- 20	AB	DC		B
RMPTW3332QCKE	29- 7	AB	DC		B
RMPTW3562QCKE	22- 21	AB	DC		B
RMPTW4222QCKE	22- 22	AC	DD		B
RMPTW4562QCKE	22- 23	AC	DD		B
RMPTW5332QCKE	29- 8	AC	DE		B
RPLU-0111FCZZ	9- 35	AP	EP	N	B
RPLU-0112FCZZ	9- 4	AN	EL	N	B
RPLU-0115FCZZ	15- 46	AN	EK	N	B
RPLU-0116FCZZ	15- 24	AN	EK	N	B
RR-DZ0255FCZZ	22- 24	AE	DK		B

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RR-NZ0135FCZZ	24- 11	AB	DB		B
RR-NZ0316FCZZ	22- 25	AA	DA		C
RR-NZ0317FCZZ	22- 26	AA	DA		C
RR-WZ0236FCZZ	24- 12	AD	DH		C
RR-WZ0237FCZZ	24- 12	AD	DH		C
RR-WZ0238FCZZ	24- 12	AE	DK		C
RR-XZ0102FCZZ	24- 13	AD	DH		B
RR-XZ0103FCZZ	24- 13	AD	DH		B
RRLYD3322QCZZ	25- 8	AM	EG		B
RRLYU0063FCN1	25- 9	AK	DY		B
RRLYU0067FCN3	16- 122	AU	FK		B
RTRNL0181FCZZ	24- 14	AH	DY		B
//	25- 10	AH	DY		B
RTRNP0348FCZZ	16- 142	BH	HS	N	B
RTRNP0349FCZZ	16- 142	BH	HT	N	B
RTRNP0350FCZZ	16- 142	BK	HV	N	B
RTRNZ0354FCZZ	16- 141	BR	MV	N	B
RTRNZ0355FCZZ	8- 10	BC	GR	N	B
RVR-M2530QCZZ	24- 15	AD	DF		B
RVR-M3330QCZZ	24- 16	AD	DF		B
RVR-M5430QCZZ	24- 17	AD	DF		B
【S】					
SPAKA1438FCZZ	35- 12	AC	DC		D
SPAKA1503FCZZ	35- 13	AB	DC		D
SPAKA1514FCZZ	35- 20	AF	DN		D
SPAKA1534FCZZ	35- 14	AA	DA		D
SPAKA1535FCZZ	35- 22	AB	DC	N	D
SPAKA1624FCZZ	35- 18	AB	DC		D
SPAKA1672FCZZ	35- 15	AA	DA		D
SPAKA1949FCZZ	35- 21	AC	DE	N	D
SPAKA1982FCZZ	35- 10	AG	DU		D
SPAKA1983FCZZ	35- 11	AE	DM		D
SPAKA1996FCZZ	35- 19	AD	DF		D
SPAKA2180FCZZ	35- 16	AG	DR	N	D
SPAKA2181FCZZ	35- 17	AE	DM	N	D
SPAKA2604FCZZ	35- 23	AA	DA	N	D
SPAKC2178FCZZ	35- 24	BB	GL	N	D
SPAKC2179FCZZ	35- 24	BA	GH	N	D
SPAKC2186FCZZ	35- 25	AK	DZ	N	D
SPAKC2193FCZZ	35- 26	AH	DU	N	D
SSAK-4271CCZZ	35- 34	AD	DH		D
SSAKA0002FCZZ	35- 30	AA	DA		D
SSAKA0003FCZZ	35- 33	AA	DB		D
SSAKA0006WCZZ	35- 27	AB	DD		C
SSAKA0019SCZZ	35- 29	AA	DA		D
SSAKH0011MCZZ	35- 32	AA	DB		D
SSAKH0021SCZZ	35- 28	AC	DD		D
SSAKH5006CCZZ	35- 31	AA	DA		D
【T】					
TCADS0434FCZZ	35- 36	AE	DK	N	D
TCADS0435FCZZ	35- 36	AV	FL	N	D
TCADS0497FCZZ	35- 36	AH	DV	N	D
TCADZ0423FCZZ	35- 38	AF	DP	N	D
TCADZ0436FCZZ	35- 37	AE	DJ	N	D
TCAUA0528FCZZ	3- 15	AA	DA		C
//	16- 113	AA	DA		C
TCAUA0766FCZZ	1- 9	AB	DB		C
TCAUA0770FCZZ	1- 9	AB	DC		C
TCAUH0683FCZZ	3- 15	AA	DA		C
//	16- 113	AA	DA		C
TCAUH0684FCZZ	1- 9	AA	DB		C
TCAUH0687FCZZ	1- 9	AA	DB		C
TINSE0525FCZZ	35- 39	AS	FE	N	D
TINSE0526FCZZ	35- 39	AW	FP	N	D
TINSF0527FCZZ	35- 39	AY	GB	N	D
TINSG0528FCZZ	35- 39	BD	GX	N	D
TINSI0530FCZZ	35- 39	BD	GX	N	D
TINSJ0524FCZZ	35- 39	BC	GS	N	D
TINSS0529FCZZ	35- 39	BC	GT	N	D
TINSZ0531FCZZ	35- 39	BD	GV	N	D
TLAB-4681CCZZ	16- 134	AA	DA		C
TLABH1293FCZZ	3- 1	AA	DA		C
TLABH1301FCZZ	3- 1	AA	DA		C
TLABH1351FCZZ	16- 133	AB	DB		C
TLABH1394FCZZ	20- 40	AC	DD		C
TLABH1395FCZZ	20- 40	AD	DH		C
TLABH1410FCZZ	20- 38	AB	DB		C
TLABH1411FCZZ	20- 38	AB			C
TLABH1457FCZZ	35- 35	AB	DB		C
TLABH1512FCZZ	35- 35	AB	DB		D

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TLABH1561FCZZ	20- 1	AE	DJ		C
〃	21- 1	AE	DJ		C
TLABH1633FCZZ	12- 33	AA	DA		C
TLABH1664FCZZ	18- 4	AB	DC	N	C
TLABH1669FCZZ	2- 41	AH	DW	N	C
TLABH1670FCZZ	2- 41	AH	DW	N	C
TLABH1671FCZZ	2- 41	AH	DW	N	C
TLABH1672FCZZ	2- 41	AH	DW	N	C
TLABH1673FCZZ	2- 41	AH	DW	N	C
TLABH1674FCZZ	2- 41	AH	DW	N	C
TLABH1675FCZZ	1- 11	AK	DY	N	C
TLABH1676FCZZ	1- 11	AK	DY	N	C
TLABH1677FCZZ	1- 11	AK	DY	N	C
TLABH1678FCZZ	1- 12	AD	DF		C
TLABH1684FCZZ	2- 41	AH	DW	N	C
TLABZ0587FCZZ	16- 133	AA	DB		C
TLABZ0588FCZZ	3- 15	AA	DA		C
〃	16- 113	AA	DA		C
TLABZ0901FCZZ	16- 133	AA	DA		C
TLABZ1157FCZZ	12- 35	AA	DA		C
TLABZ1285FCZZ	3- 1	AA	DA		C
TLABZ1322FCZZ	20- 4	AC	DD		C
TLABZ1323FCZZ	21- 4	AD	DF		C
TLABZ1324FCZZ	10- 2	AA	DA		C
TLABZ1325FCZZ	10- 2	AA	DA		C
TLABZ1326FCZZ	10- 2	AA	DA		C
TLABZ1327FCZZ	10- 2	AA	DA		C
TLABZ1328FCZZ	14- 2	AC	DC		C
TLABZ1442FCZZ	16- 133	AA	DA		C
TLABZ1463FCZZ	20- 23	AB	DC		C
TLABZ1464FCZZ	20- 26	AB	DC		C
TLABZ1465FCZZ	20- 25	AB	DC		C
TLABZ1610FCZZ	20- 12	AB	DB		C
TLABZ1611FCZZ	20- 12	AB	DB		C
TLABZ1612FCZZ	20- 12	AB	DB		C
TLABZ1613FCZZ	20- 12	AB	DB		C
TLABZ1614FCZZ	20- 12	AB	DB		C
TLABZ1615FCZZ	20- 12	AB	DB		C
TLABZ1616FCZZ	20- 12	AB	DB		C
TLABZ1617FCZZ	21- 14	AB	DB		C
TLABZ1618FCZZ	21- 14	AB	DB		C
TLABZ1619FCZZ	21- 14	AB	DB		C
TLABZ1620FCZZ	20- 28	AB	DB		C
TLABZ1665FCZZ	18- 3	AE	DJ	N	C
TLABZ1666FCZZ	18- 3	AE	DJ		C
TLABZ1667FCZZ	18- 3	AE	DJ		C
TLABZ1668FCZZ	18- 3	AD	DH		C
TLABZ1679FCZZ	20- 12	AB	DB	N	C
TLABZ1680FCZZ	20- 12	AB	DB	N	C
TLABZ1685FCZZ	22- 106	AA	DA		C
TLABZ1738FCZZ	16- 102	AB	DC	N	C
TLABZ1739FCZZ	16- 102	AB	DC	N	C
TLABZ1740FCZZ	16- 102	AC	DC	N	C
TLABZ1741FCZZ	16- 102	AB	DC	N	C
TLSTS1006CCZZ	35- 40	AA	DA		D
〔U〕					
UBATL0004FCZZ	22- 27	AK	DX		A
UBNDA1008CCZZ	35- 41	AA	DA		C
UCLEZ0009FCZZ	35- 42	AE	DL		D
UCLEZ0069FCZZ	12- 15	AX	FU	N	B
UKOG-0111FCZZ	35- 43	AD	DF		D
〔V〕					
VCCCPU1HH221J	22- 28	AC	DD		C
VCEAGU1AW477M	22- 29	AC	DD		C
VCEAGU1CW477M	22- 30	AC	DD		C
VCEAGU1EW475M	24- 18	AA	DA		C
VCEAGU1VW107M	24- 19	AB	DC		C
VCEAGU1VW475M	24- 18	AA	DA		C
VCEAGU1VW477M	22- 31	AD	DF		C
VCKYPU1HB102K	22- 32	AA	DA		C
〃	22- 32	AA	DA		C
VCKYPU1HB331K	22- 33	AA	DA		C
VCKYPU1HF223Z	22- 34	AA	DB		C
〃	22- 34	AA	DB		C
〃	22- 34	AA	DB		C
〃	25- 11	AA	DB		C
VCQYKU1HM103K	22- 35	AB	DB		C
〃	24- 20	AB	DB		C
VCQYKU1HM104K	22- 36	AB	DD		C
〃	24- 21	AB	DD		C

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VCQYKU1HM104K	25- 12	AB	DD		C
VCQYKU1HM223K	22- 37	AB	DB		C
VCQYKU1HM473K	22- 38	AB	DB		C
VCQYKU1HM682K	22- 39	AB	DB		C
VCSATU1AE476M	22- 40	AF	DR		C
VCSATU1EE335K	22- 41	AD	DH		C
VHDDS1588L2-1	24- 22	AB	DB		B
〃	25- 13	AB	DB		B
VHDSIRB40Z/-1	24- 23	AG	DS		B
VHDS5VB10//-1	33- 7	AP	EM		B
〃	33- 12	AP	EM		B
VHDWO6B////-1	22- 42	AE	DH		B
〃	24- 24	AE	DH		B
〃	25- 14	AE	DH		B
VHD1SS133//-1	33- 8	AA	DA		B
VHD1S2076A/-1	34- 11	AB	DB		B
VHD1S2473VH-1	22- 43	AA	DA		B
〃	22- 43	AA	DA		B
VHD10E1N///-1	33- 10	AB	DB		B
VHEHZ4C2///-1	22- 44	AB	DB		B
VHEHZ6A1///-1	22- 45	AB	DB		B
VHERD8.2EB/-1	33- 13	AB	DB		B
VHERD9.1EB3-1	33- 14	AB	DB		B
VHID8255AC5-1	22- 46	AX	FV		B
VHIHD14016B-1	22- 47	AF	DM		B
VHIIR2C07//-1	22- 48	AG	DT		B
VHIIR2C23//-1	22- 49	AF	DP		B
VHIIR2339//-1	22- 50	AG	DT		B
VHIIR3702//-1	22- 51	AG	DS		B
VHILH510145-1	22- 52	AR	EW		B
VHIM54526P/-1	22- 53	AH	DS		B
VHIM54537P/-1	22- 54	AH	DS		B
〃	29- 10	AH	DS		B
VHIM54539//-1	29- 11	AG	DU		B
VHIM54565P200	22- 55	AG	DT		B
VHIM67617//-1	24- 25	AV	FN		B
VHIM74LS266-1	34- 5	AE	DK		B
VHINE555///-1	22- 56	AG	DX		B
VHISN74LS33-1	22- 57	AE	DS		B
VHISTA401A/-1	22- 58	AP	EM		B
VHITA78L020AP	22- 59	AE	DL		B
VHITC40H000P1	22- 60	AF	DQ		B
VHITC74HC00PN	34- 4	AG	DS		B
VHITC74HC02P1	22- 61	AE	DJ		B
VHITC74HC08PN	34- 6	AF	DP		B
VHITC74HC373P	22- 62	AM	EE		B
VHITC74HC374P	22- 63	AP	EP		B
VHIT74LS139-C	22- 64	AF	DP		B
VHIT74LS32/-C	22- 65	AE	DH		B
VHIT7445///-C	22- 66	AK	EA		B
VHIUPA2003C-1	34- 1	AK	EC		B
VHIUPD7811G-1	22- 67	BC	GR		B
VHI27128-09FC	22- 68	AV	FN	N	B
VHPBS500B//-1	30- 1	AL	EA		B
VHPGL8EG22/-1	29- 12	AB	DB		B
VHPGL8E040/-1	29- 13	AK	EA		B
VHPGL8E156/-1	29- 14	AL	EC		B
VHPGL8HD22/-1	29- 15	AB	DC		B
VHPGL8HD22F-1	31- 7	AC	DD	N	B
VHPGP1A22LC-1	3- 130	AK	EA	N	B
VHPGP3A11//-1	16- 106	AN	EK		B
VHPGP3A29//-1	19- 24	AW	FQ	N	B
VHPPC817///-1	24- 26	AF	DP		B
VHSAC08FSM/-1	24- 27	AK	EA		B
VHSAC12DSM/-1	24- 27	AK	DY		B
VHSBCR16HM-08	16- 121	AQ	ET		B
VHSBCR16HM-12	16- 121	AR	EX		B
VHSBCR30GM8R1	16- 121	AT	FG		B
VRD-ST2EY101J	22- 69	AA	DA		C
〃	34- 41	AA	DA		C
VRD-ST2EY102J	22- 70	AA	DB		C
〃	24- 28	AA	DB		C
VRD-ST2EY103J	22- 71	AA	DA		C
〃	22- 71	AA	DA		C
〃	24- 29	AA	DA		C
〃	25- 15	AA	DA		C
VRD-ST2EY104J	22- 72	AA	DA		C
VRD-ST2EY105J	22- 73	AA	DA		C
〃	23- 9	AA	DA		C
〃	34- 45	AA	DA		C

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VRD-ST2EY113J	34- 62	AA	DA		C
VRD-ST2EY123J	33- 25	AA	DA		C
VRD-ST2EY124J	33- 26	AA	DA		C
VRD-ST2EY152J	34- 38	AA	DA		C
VRD-ST2EY153J	34- 37	AA	DA		C
VRD-ST2EY181J	33- 19	AA	DA		C
VRD-ST2EY201J	29- 16	AA	DA		C
//	34- 43	AA	DA		C
//	34- 63	AA	DA		C
VRD-ST2EY202J	22- 74	AA	DA		C
//	34- 36	AA	DA		C
VRD-ST2EY204J	34- 44	AA	DA		C
VRD-ST2EY221J	22- 75	AA	DA		C
VRD-ST2EY222J	22- 76	AA	DA		C
VRD-ST2EY223J	22- 77	AA	DA		C
VRD-ST2EY272J	22- 78	AA	DA		C
VRD-ST2EY273J	22- 79	AA	DA		C
//	33- 20	AA	DA		C
VRD-ST2EY274J	33- 21	AA	DA		C
VRD-ST2EY331J	22- 80	AA	DA		C
VRD-ST2EY332J	34- 40	AA	DA		C
VRD-ST2EY333J	25- 16	AA	DA		C
//	33- 23	AA	DA		C
VRD-ST2EY392J	33- 22	AA	DA		C
VRD-ST2EY393J	33- 27	AA	DA		C
VRD-ST2EY471J	29- 17	AA	DA		C
VRD-ST2EY472J	22- 81	AA	DA		C
VRD-ST2EY473J	22- 82	AA	DA		C
VRD-ST2EY474J	23- 9	AA	DA		C
VRD-ST2EY560J	34- 48	AA	DA		C
VRD-ST2EY562J	25- 17	AA	DB		C
//	33- 18	AA	DB		C
VRD-ST2EY563J	22- 83	AA	DA		C
VRD-ST2EY565J	22- 84	AA	DA		C
VRD-ST2EY621J	34- 39	AA	DA		C
VRD-ST2EY681J	22- 85	AA	DA		C
VRD-ST2EY682J	34- 46	AA	DB		C
VRD-ST2EY683J	24- 30	AA	DB		C
VRD-ST2EY911J	22- 86	AA	DA		C
VRN-RC2EK6A1F	22- 87	AA	DA	N	C
VRN-RC2EK7B1F	22- 88	AA	DA	N	C
VRN-RT2EK102F	22- 89	AB	DH		C
VRN-RT2EK103F	22- 90	AB	DH		C
VRN-RT2EK123F	22- 91	AB	DB		C
//	27- 3	AB	DB		C
//	28- 3	AB	DB		C
VRN-RT2EK152F	22- 92	AC	DH		C
VRN-RT2EK183F	22- 93	AB	DB		C
VRN-RT2EK184F	24- 31	AB	DB		C
VRN-RT2EK204F	24- 32	AB	DB		C
//	26- 3	AB	DB		C
VRN-RT2EK223F	24- 33	AB	DB		C
VRN-RT2EK242F	24- 34	AB	DB		C
VRN-RT2EK243F	22- 94	AB	DB		C
//	24- 35	AB	DB		C
//	27- 4	AB	DB		C
//	28- 4	AB	DB		C
VRN-RT2EK274F	22- 95	AB	DB		C
//	24- 36	AB	DB		C
VRN-RT2EK304F	26- 4	AB	DB		C
VRN-RT2EK392F	22- 96	AB	DB		C
VRN-RT2EK473F	22- 97	AB	DB		C
//	27- 5	AB	DB		C
//	28- 5	AB	DB		C
VRN-RT2EK512F	22- 98	AB	DH		C
VRN-RT2EK622F	22- 99	AB	DB		C
//	27- 6	AB	DB		C
//	28- 6	AB	DB		C
VRN-RT2EK624F	22- 100	AB	DB		C
VRN-RT2EK682F	24- 37	AB	DH		C
VRN-RT2EK752F	22- 101	AB	DB		C
VRN-RT2EK753F	24- 38	AB	DB		C
VRN-RT2EK754F	26- 5	AA	DA		C
VRN-RT2EK822F	24- 39	AB	DB		C
VRN-RT2EK913F	24- 40	AB	DB		C
VRS-PT3AB1R0J	29- 18	AA	DC		C
VRS-ST3AB6R2J	32- 3	AA	DA		C
VRS-ST3AB821J	31- 8	AA	DA		C
VSJA101-///-1	22- 102	AB	DB		B
VSJC501-///-1	25- 18	AB	DB		B

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VS2SA673A//-1	22- 103	AD	DH		B
VS2SB621AR/SC	22- 104	AD	DH		B
VS2SC1472K/-1	22- 105	AE	DL		B
VS2SD592ANR-1	25- 19	AD	DH		B
(X)					
XBBSD30P04000	90-B98	AA	DA		C
XBBSD30P06000	90-D31	AA	DB		C
XBBSD30P08000	90-D08	AA	DA		C
XBBSF30P04000	90-B95	AA	DA		C
XBBSF30P06000	90-B84	AA	DA		C
XBBSF40P04000	90-B96	AA	DA		C
XBPBN30P06000	90-D09	AA	DA		C
XBPBN30P08K00	90-B01	AA	DA		C
XBPBN30P08000	90-B02	AA	DA		C
XBPBN30P10KS0	90-B03	AA	DA		C
XBPBN30P10K00	90-B04	AA	DA		C
XBPBN30P10000	90-B05	AA	DA		C
XBPBN30P12000	90-B06	AA	DA		C
XBPBN40P06000	90-B07	AA	DA		C
XBPBN40P08K00	90-B08	AA	DA		C
XBPBN40P12K00	90-B09	AA	DA		C
XBPBN40P14K00	90-B90	AA	DA		C
XBPBN40P14000	90-B91	AA	DA		C
XBPBN50P12000	90-B10	AA	DA		C
XBPBZ30P06000	90-B93	AA	DA		C
XBPBZ30P08K00	90-B11	AA	DA		C
XBPBZ30P08000	90-B12	AA	DA		C
XBPBZ30P12KS0	90-B13	AA	DA		C
XBPBZ40P06K00	90-B99	AA	DA		C
XBPBZ40P06000	90-B14	AA	DA		C
XBPBZ40P08K00	90-B15	AA	DA		C
XBPBZ40P08000	90-B16	AA	DA		C
XBPBZ40P10K00	90-D17	AA	DA		C
XBPBZ40P10000	90-S16	AA	DA		C
XBPBZ40P12K00	90-B17	AA	DA		C
XBPBZ50P06K00	90-B18	AB	DB		C
XBPRZ30P04000	90-B19	AA	DA		C
XBPRZ30P06000	90-B20	AA	DA		C
XBPRZ30P08000	90-D15	AA	DA		C
XBPRZ30P10000	90-D28	AA	DA		C
XBPRZ40P06000	90-B21	AA	DA		C
XBPRZ40P08000	90-D23	AA	DA		C
XBPRZ40P10000	90-S17	AA	DA		C
XBPRZ40P16000	90-B22	AA	DB		C
XBPRZ40P25000	90-B23	AB	DB		C
XBPSC40P06000	90-D20	AA	DA		C
XBPSC40P08000	90-B97	AA	DA		C
XBPSD20P04000	90-S18	AA	DA		C
XBPSD20P10KS0	90-D25	AA	DA		C
XBPSD23P12000	90-S14	AA	DA		C
XBPSD25P06000	90-D05	AA	DA		C
XBPSD26P03000	90-D16	AA	DA		C
XBPSD26P06000	90-D24	AA	DA		C
XBPSD26P08000	90-D14	AA	DA		C
XBPSD30P03000	90-B89	AA	DA		C
XBPSD30P04K00	90-B24	AA	DA		C
XBPSD30P04000	90-B92	AA	DA		C
XBPSD30P05K00	90-B25	AA	DA		C
XBPSD30P05000	90-B26	AA	DA		C
XBPSD30P06KS0	90-B27	AA	DA		C
XBPSD30P06K00	90-B28	AA	DA		C
XBPSD30P06000	24- 41	AA	DA		C
//	90-B29	AA	DA		C
XBPSD30P08KS0	90-B30	AA	DA		C
XBPSD30P08K00	90-B31	AA	DA		C
XBPSD30P08000	24- 42	AA	DA		C
//	90-B32	AA	DA		C
XBPSD30P10KS0	90-B33	AB	DA		C
XBPSD30P10K00	90-B34	AA	DA		C
XBPSD30P10000	90-B35	AA	DA		C
XBPSD30P12KS0	90-S15	AA	DA		C
XBPSD30P12000	90-B36	AA	DA		C
XBPSD30P14000	90-B37	AA	DA		C
XBPSD30P16KS0	90-B38	AA	DA		C
XBPSD30P16K00	90-B39	AA	DA		C
XBPSD30P16000	31- 9	AA	DA		C
//	90-B40	AA	DA		C
XBPSD30P18KS0	90-B41	AA	DA		C
XBPSD30P18000	90-D01	AC	DA		C
XBPSD30P20000	90-D10	AA	DA		C

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XBPSD30P25K00	90-B42	AA	DA		C
XBPSD30P25000	90-B43	AA	DA		C
XBPSD30P30000	90-B44	AA	DA		C
XBPSD30P35000	90-S19	AA	DA		C
XBPSD40P04000	90-B45	AA	DA		C
XBPSD40P05K00	90-B46	AA	DA		C
XBPSD40P06KS0	90-B47	AA	DA		C
XBPSD40P06K00	90-B48	AA	DA		C
XBPSD40P06000	90-B49	AA	DA		C
XBPSD40P08KS0	90-B50	AA	DA		C
XBPSD40P08K00	90-B51	AA	DA		C
XBPSD40P08000	90-B52	AA	DA		C
XBPSD40P10KS0	90-B53	AA	DA		C
XBPSD40P10K00	90-B54	AA	DA		C
XBPSD40P10000	90-D02	AA	DA		C
XBPSD40P12KS0	90-B55	AA	DA		C
XBPSD40P12K00	90-B56	AA	DA		C
XBPSD40P12000	90-D19	AA	DA		C
XBPSD40P14KS0	90-B57	AA	DA		C
XBPSD40P14000	90-S12	AA	DA		C
XBPSD40P16KS0	90-B58	AA	DA		C
XBPSD40P16K00	90-B59	AA	DA		C
XBPSD40P16000	90-B60	AA	DA		C
XBPSD40P18000	90-B61	AA	DA		C
XBPSD40P20K00	90-B62	AA	DA		C
XBPSD40P20000	90-B63	AA	DA		C
XBPSD40P22000	90-B86	AA	DA		C
XBPSD40P25000	90-B64	AA	DA		C
XBPSD40P30K00	90-B65	AA	DA		C
XBPSD40P30000	90-B87	AA	DA		C
XBPSD40P35000	90-D21	AA	DA		C
XBPSD40P45000	90-B94	AA	DA		C
XBPSD40P50000	90-D03	AA	DA		C
XBPSD50P06000	90-S11	AA	DA		C
XBPSD50P08K00	90-B66	AA	DA		C
XBPSD50P10K00	90-B67	AA	DA		C
XBPSD50P16000	90-D04	AA	DA		C
XBPSD50P20000	90-B68	AA	DA		C
XBPSD50P35000	90-D33	AA	DA		C
XBPSD60P12KS0	90-S10	AA	DA		C
XBPSD60P16KS0	90-B69	AA	DA		C
XBPSD60P20000	90-B70	AA	DA		C
XBPSF30P03000	90-D22	AA	DA		C
XBPSF30P04000	90-D26	AA	DA		C
XBPSF30P06KS0	90-B71	AA	DA		C
XBPSF30P06K00	90-B72	AA	DA		C
XBPSF30P08KS0	90-B73	AA	DA		C
XBPSF30P08K00	90-B74	AA	DA		C
XBPSF30P08000	90-B75	AA	DA		C
XBPSF30P10000	90-D27	AA	DA		C
XBPSF40P04000	90-D12	AA	DA		C
XBPSF40P06K00	90-B76	AA	DA		C
XBPSF40P08KS0	90-B77	AA	DA		C
XBPSF40P08K00	90-B78	AA	DA		C
XBPSF40P08000	90-B79	AA	DA		C
XBPSF40P10KS0	90-B82	AA	DA		C
XBPSF40P14K00	90-B83	AA	DA		C
XBPSF40P16000	90-B88	AA	DA		C
XBPSF40P20K00	90-B85	AA	DA		C
XBPUZ30P12000	90-D32	AA	DA		C
〃	90-D34	AA	DA		C
XBPUZ40P06000	90-B80	AA	DA		C
XBPUZ40P08KS0	90-D11	AA	DA		C
XBPUZ40P12K00	90-B81	AA	DA		C
XBRSD80-40000	90-D29	AA	DA		C
XBSBN40P06000	90-D30	AA	DA		C
XBSBZ40P08000	90-S01	AA	DA		C
XBSBZ40P10000	90-S02	AA	DA		C
XBSRZ30P06000	90-S03	AA	DA		C
XBSSD30P06000	90-S09	AA	DA		C
XBSSD30P08000	90-S08	AA	DA		C
XBSSD30P12000	90-S20	AA	DA		C
XBSSD30P16000	90-S04	AA	DA		C
XBSSD40P06000	90-S05	AA	DA		C
XBSSD40P08000	90-S06	AA	DA		C
XBSSD40P10000	90-S07	AA	DA		C
XBSSD40P35000	90-S21	AA	DA		C
XBTSC30P06000	90-T01	AA	DA		C
XBTSC40P06000	90-T02	AA	DA		C
XBTSC40P08000	90-T03	AA	DA		C

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P R
XBTSC40P10000	90-T17	AA	DA		C
XBTSD30P06000	90-T16	AA	DA		C
XBTSD40P06000	90-T04	AA	DA		C
XBTSF26P04000	90-T14	AA	DA		C
XBTSF30P04000	90-T13	AA	DA		C
XBTSF30P06000	90-T05	AA	DA		C
XBTSF40P05000	90-T06	AA	DA		C
XBTSF40P06000	90-T07	AA	DA		C
XBTSF40P08000	18- 8	AA	DA		C
〃	90-T08	AA	DA		C
XBTSF40P10000	90-T09	AA	DA		C
XBTSF40P14000	90-T10	AA	DA		C
XBTSF40P16000	90-T11	AA	DA		C
XBTSF50P06000	90-T12	AA	DA		C
XBTUZ40P06000	90-T15	AA	DA		C
XCBSD26P06000	90-C28	AA	DA		C
XCBSD30P06000	90-C01	AA	DA		C
XCBSD30P08000	90-C02	AA	DA		C
XCBSD30P10000	90-C25	AA	DA		C
XCPSD30P04000	90-C27	AA	DA		C
XCPSD30P06000	90-C03	AA	DB		C
XCPSD30P08000	90-C04	AA	DA		C
XCPSD30P10000	90-C21	AA	DA		C
XCPSD30P12000	90-C05	AA	DA		C
XCPSD30P18000	90-C06	AA	DA		C
XCPSD40P06000	90-C07	AA	DA		C
XCPSD40P08000	90-C08	AA	DA		C
XCPSD40P10000	90-C09	AA	DA		C
XCPSD40P16000	90-C10	AA	DA		C
XCPSF30P06000	90-C11	AA	DA		C
XCPSF30P08000	90-C19	AA	DA		C
XCPSF40P06000	90-C22	AA	DA		C
XCPSF40P08000	90-C12	AA	DA		C
XCSSC40P10000	90-C13	AA	DA		C
XCSSD30P06000	90-C14	AA	DA		C
XCSSD30P08000	90-C23	AA	DA		C
XCSSD30P10000	90-C15	AA	DA		C
XCSSD40P08000	90-C20	AA	DA		C
XCSSF30P08000	90-C16	AA	DA		C
XCTSD30P06000	90-C24	AA	DA		C
XCTSD40P06000	90-C17	AA	DA		C
XCTSF30P08000	90-C18	AA	DA		C
XCTSF40P10000	90-C26	AA	DA		C
XNEBN30-24000	90-N01	AC	DA		C
XNEBN40-32000	90-N02	AA	DA		C
XNEBN50-40000	90-N03	AA	DA		C
XNERZ30-24000	90-N13	AA	DA		C
XNERZ40-32000	90-N10	AA	DA		C
XNESD20-16000	90-N14	AA	DA		C
XNESD26-20000	90-N11	AA	DA		C
XNESD30-18000	90-N04	AA	DA		C
XNESD30-24000	24- 43	AA	DA		C
〃	90-N05	AA	DA		C
XNESD40-24000	90-N06	AA	DA		C
XNESD40-32000	90-N07	AA	DA		C
XNESD50-40000	90-N08	AA	DA		C
XNESF30-24000	90-N12	AA	DA		C
XNESF40-32000	90-N09	AA	DB		C
XNEUZ30-24000	90-N15	AA	DA		C
XRASP04-10000	90-R01	AA	DB		C
XRESP20-04000	90-E01	AA	DA		C
XRESP30-04000	90-E02	AA	DA		C
XRESP30-05000	90-E03	AA	DA		C
XRESP30-06000	90-E12	AA	DA		C
XRESP40-05000	90-E04	AA	DA		C
XRESP40-06000	90-E05	AA	DA		C
XRESP50-06000	90-E06	AA	DA		C
XRESP60-08000	90-E07	AA	DA		C
XRESP70-08000	90-E08	AA	DA		C
XRESP80-08000	90-E10	AA	DA		C
XRESP90-08000	90-E09	AA	DA		C
XRESP90-10000	90-E11	AA	DA		C
XWHBN30-05000	90-W01	AA	DA		C
XWHBN40-08100	90-W02	AA	DA		C
XWHNZ30-05080	90-W15	AA	DA		C
XWHNZ40-08100	90-W17	AA	DA		C
XWHSD30-05000	90-W03	AA	DA		C
XWHSD30-05060	90-W18	AA	DA		C
XWHSD30-05080	90-W04	AA	DA		C
XWHSD30-08100	90-W05	AA	DA		C

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P R
XWHSD40-08000	90-W06	AA	DA		C
XWHSD40-08100	90-W07	AA	DA		C
XWHSD40-08120	90-W08	AA	DA		C
XWHSD50-08120	90-W09	AA	DA		C
XWHSD60-10130	90-W16	AA	DA		C
XWHSD60-15000	90-W21	AA	DA		C
XWHSD80-16180	90-W20	AA	DA		C
XWHSF40-08100	90-W10	AA	DA		C
XWSPN30-07000	90-W11	AA	DA		C
XWSSD40-10000	90-W14	AA	DA		C
XWSSD50-13000	90-W12	AA	DA		C
XWSSD60-15000	90-W19	AA	DA		C
XWUSD30-04065	90-W13	AA	DA		C
XXXSP30L10000	10- 32	AB	DB		C
[0]					
0CBECD0156ZZ/	33- 39	AN	EH	N	C
0CBLRZ0425ZR/	33- 48	AG	DS	N	C
0CBLRZ0626ZR/	33- 46	AF	DQ	N	C
0CBLRZ0627ZR/	33- 47	AC	DD	N	C
0CBPJC0131ZZ/	33- 37	AD	DH		A
0CBPJC0147ZZ/	33- 38	AE	DL		A
0CBPKZ0851ZZ/	33- 33	AD	DH	N	C
0CBPKZ0879ZZ/	33- 36	AC	DD	N	C
0CBPKZ0880ZZ/	33- 34	AE	DH	N	C
0CBPKZ0881ZZ/	33- 35	AE	DJ	N	C
0CBPZZ0084ZZ/	33- 45	AB	DB		C
0CBPZZ0085ZZ/	33- 49	AA	DA	N	C
0CBPZZ0301ZZ/	33- 50	AC	DD	N	C
0CBRAA3120AB/	33- 43	AA	DA	N	C
0CBRAB3120AB/	33- 42	AA	DA	N	C
0CBRAZ3014ZB/	33- 41	AA	DA	N	C
0CBRBF3032ZB/	33- 44	AB	DB		C
0CBUAB0034CZ/	33- 6	AL	EC	N	B
0CBUAB0035AZ/	33- 5	AN	EL	N	B
0CBUAC0026AZ/	33- 2	AH	DW	N	B
0CBUAC0127AZ/	33- 3	AN	EH	N	B
0CBUAD0019DZ/	33- 4	AF	DN	N	B
0CBUAS0042ZZ/	33- 40	AA	DA		C
0CBUBB0011AZ/	33- 9	AF	DN	N	B
0CBUBB0064BZ/	33- 11	AC	DD		B
0CBUBD0132DZ/	33- 15	AC	DC	N	B
0CBUCZ0097ZZ/	33- 1	AG	DT		B
0CBUEEC102AF/	33- 17	AA	DA		C
0CBUEFD222AQ/	33- 16	AB	DB	N	C
0CBUEFF220AG/	33- 24	AB	DC	N	C
0CBUGAD331BU/	33- 31	AE	DK		C
0CBUGAF101BU/	33- 29	AD	DF	N	C
0CBUGBD103AB/	33- 30	AQ	ET	N	C
0CBUGFF474AR/	33- 32	AE	DL	N	C
0CBUGZ0477ZZ/	33- 28	AX	FU	N	C
0DMD03586R///	34- 53	AN	EK		C
0DMD03590R///	34- 27	AG	DS		B
0DMD03591R///	34- 25	AG	DS		B
0DMD03786R///	34- 23	AC	DC		C
0DMD03788R///	34- 14	AF	DP	N	C
0DMD03799R///	34- 17	AD	DH		C
0DMD03803R///	34- 49	AH	DV		C
0DMD03804R///	34- 35	AE	DL		B
0DMD03840R///	34- 2	AP	EP		B
0DMD03854R///	34- 19	AC	DE		C
0DMD03855R///	34- 18	AE	DL		C
//	34- 18	AE	DL		C
//	34- 18	AE	DL		C
0DMD03857R///	34- 32	AE	DL		B
0DMD03885R///	34- 29	AF	DN	N	B
0DMD03891R///	34- 61	AE	DK		B
0DMD03893R///	34- 60	AD	DH		B
0DMD03895R///	34- 24	AC	DC		C
0DMD03896R///	34- 16	AC	DE		C
0DMD03897R///	34- 22	AC	DE		C
0DMD03898R///	34- 20	AC	DE		C
0DMD03900R///	34- 15	AD	DF		C
0DMD03901R///	34- 21	AE	DL		C
0DMD03969R///	34- 30	AG	DS	N	B
0DMD03970R///	34- 31	AF	DN	N	B
0DMD03997R///	34- 10	AL	EC	N	B
0DMD13009R///	34- 50	AQ	ER	N	B
0DMD13016R///	34- 8	AQ	ER	N	B
0DMD13017R///	34- 7	AG	DT	N	B
0DMD13018R///	34- 51	AT	FG	N	B

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P R
0DMD13019R///	34- 52	AK	DY	N	B
0DMD13021R///	34- 12	AE	DK	N	B
0DMD13022R///	34- 13	AD	DF	N	B
0DMD13023R///	34- 26	AG	DS	N	B
0DMD13024R///	34- 28	AE	DL	N	B
0DMD13025R///	34- 33	AE	DL	N	B
0DMD13026R///	34- 34	AF	DN	N	B
0DMD13027R///	34- 9	AU	FL	N	B
0DMD13029R///	34- 3	BH	HQ	N	B
0DMM47363R///	34- 57	AG	DS	N	C
0DMM47448R///	34- 55	AE	DK		B
0DMM47450R///	34- 56	AF	DP		C
0DMM47451R///	34- 59	AG	DS		C
0DMM57852R///	34- 54	AG	DT	N	C
0DMM57853R///	34- 58	AF	DP	N	C
0DMRNOVCF2401	34- 42	AD	DH	N	C
0DMRNOVCF68R0	34- 47	AD	DH	N	C
0DMS19229R///	34- 64	AG	DR	N	C

SHARP

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XYD 111

SHA

SF-8100 回路
SF-8100 CIR

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SF-8100 回路図集
SF-8100 CIRCUIT DIAGRAM

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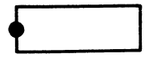
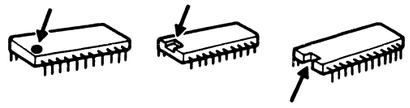
〔1〕注意事項

1. 部品の形状と挿入方向

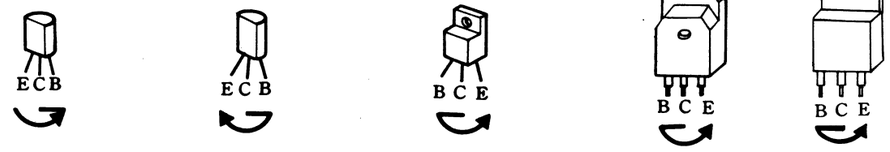
(1) LSI，IC



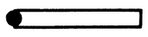
●印のある方はLSI，ICの上部が欠けている方向です。



(2) Tr（トランジスター）



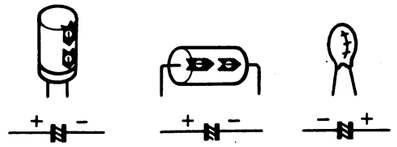
(3) ブロック抵抗



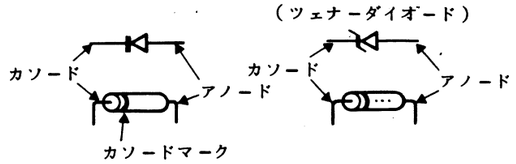
●印のある方を部品の●印を合わせて挿入

（●印なき物は挿入方向指定無）

(4) 電解コンデンサー



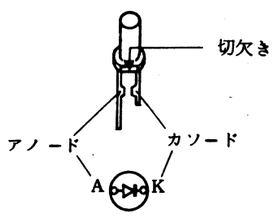
(5) ダイオード



回路図に指定なきダイオードはDS 1588L2である。

(6) 発光ダイオード

（GL 3AR 1）



(7) その他留意事項

① 抵抗の材質と誤容誤差

（例） 20KΩ ⊗
- Ⓕ……± 1％（金属皮膜抵抗）
- Ⓙ……± 5％（酸化金属皮膜抵抗）
- Ⓚ……±10％（ソリッド抵抗）

尚回路図に指定なきワット数は¼Wである。

② コンデンサー

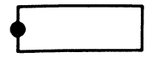
（例） 22000PF ⊗
- Ⓐ……アルミ電解コンデンサー
- Ⓣ……タンタル電解コンデンサー
- Ⓜ……マイラーコンデンサー
- ⓒ……セラミックコンデンサー
- ⓣ……温度補償あり

安全性・信頼性確保のため部品は、必ず正規のものをご使用下さい。
⚠印ならびに網目の部品は、安全性および保安性能維持のため、特に重要な部品です。
交換の時は、必ず指定された品番のものを使用して下さい。

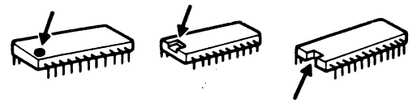
〔1〕NOTES

1. Shape and installation direction for the parts.

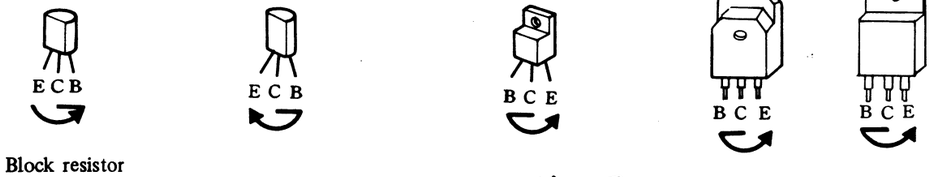
(1) LSI, IC, identification marks.



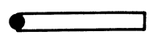
● Mark shows installation position for LSI, IC



(2) Tr (Transistor)



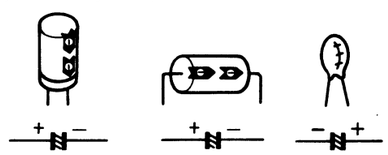
(3) Block resistor



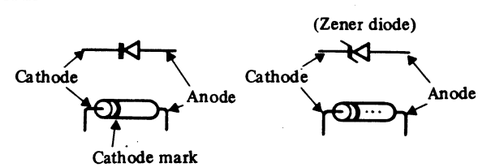
● Mark shows installation position for block resistor.

(Block resistor without symbol can be installed in either direction.)

(4) Electrolytic capacitor

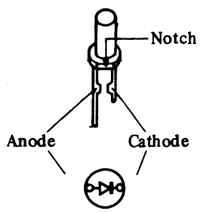


(5) Diode



DS 1588L2 is used for the diodes without indication on the circuit diagram.

(6) Light emitting diode



(7) Instruction for the circuit diagram.

① Limited allowance and Material for the resistor

20kΩ ⊗
- Ⓕ. . ±1% (Metal composition resistor)
- Ⓙ. . ±5% (Metal oxide composition resistor)
- Ⓚ. . ±10% (Carbon composition resistor)

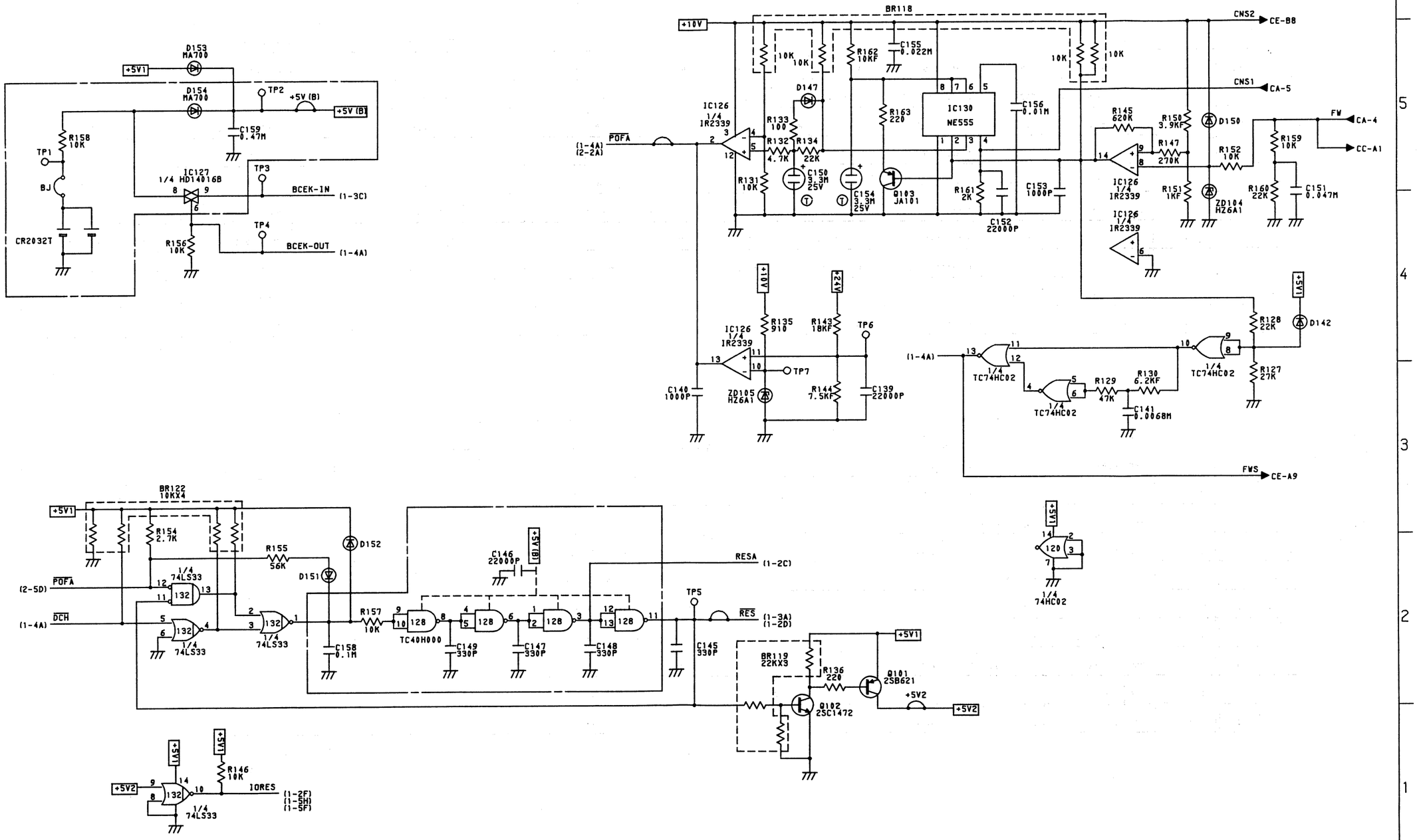
No indication resistor is used 1/4W solid type resistor.

② Capacitor

22000pF ⊗
- Ⓐ. . Aluminum electrolytic capacitor.
- Ⓣ. . Tantalum electrolytic capacitor.
- Ⓜ . Mylar capacitor.
- ⓒ. . Ceramic capacitor.
- ⓣ. . Temperature-compensated

Parts marked with "⚠" is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

〔3〕 メイン回路-2 (電源検知部)
〔3〕 MAIN CIRCUIT-2 (POWER SOURCE DETECT SECTION)



〔2〕 AC電源パーツリスト
〔2〕 AC POWER SUPPLY CIRCUIT PARTS LIST

VOLT/HZ		F1 FUSE		PT		HL		CL		SFM (SUCTION FAN)		CFM (COOLING FAN)		DH (DRY HEATER)	
100	50	20A	QFS-A2700QCZZ	P0348FC	RTRNP0348FCZZ	800W 100V	RLMPU0313FCZZ	85V 250W	RLMPU0321FCZZ		RMOTE0366FCZZ		RMOTE0391FCZZ	1K 20W	CR-WZ0242FC02
100	60	20A	QFS-A2700QCZZ	P0348FC	RTRNP0348FCZZ	800W 100V	RLMPU0313FCZZ	85V 250W	RLMPU0321FCZZ		RMOTE0366FCZZ		RMOTE0390FCZZ	1K 20W	CR-WZ0242FC02
110	50	20A	QFS-A2700QCZZ	P0348FC	RTRNP0348FCZZ	800W 110V	RLMPU0314FCZZ	85V 250W	RLMPU0321FCZZ		RMOTE0367FCZZ		RMOTE0392FCZZ	1.2K 20W	CR-WZ0243FC02
110	60	20A	QFS-A2700QCZZ	P0348FC	RTRNP0348FCZZ	800W 110V	RLMPU0314FCZZ	85V 250W	RLMPU0321FCZZ		RMOTE0367FCZZ		RMOTE0391FCZZ	1.2K 20W	CR-WZ0243FC02
120	60	15A	QFS-B0030FCZZ	P0348FC	RTRNP0348FCZZ	800W 120V	RLMPU0315FCZZ	85V 250W	RLMPU0321FCZZ		RMOTE0367FCZZ		RMOTE0392FCZZ	1.35K 20W	CR-WZ0244FC02
127	60	15A	QFS-B0030FCZZ	P0350FC	RTRNP0350FCZZ	800W 127V	RLMPU0319FCZZ	85V 250W	RLMPU0321FCZZ		RMOTE0368FCZZ		RMOTE0392FCZZ	1.6K 20W	CR-WZ0245FC02
200	50	10A	QFS-B0012FCZZ	P0349FC	RTRNP0349FCZZ	800W 200V	RLMPU0316FCZZ	170V 275W	RLMPU0322FCZZ		RMOTE0369FCZZ		RMOTE0393FCZZ	3.9K 20W	CR-WZ0246FC02
220	50	10A	QFS-B0012FCZZ	P0349FC	RTRNP0349FCZZ	800W 220V	RLMPU0317FCZZ	170V 275W	RLMPU0322FCZZ		RMOTE0370FCZZ		RMOTE0394FCZZ	4.7K 20W	CR-WZ0247FC02
220	60	10A	QFS-B0012FCZZ	P0349FC	RTRNP0349FCZZ	800W 220V	RLMPU0317FCZZ	170V 275W	RLMPU0322FCZZ		RMOTE0370FCZZ		RMOTE0393FCZZ	4.7K 20W	CR-WZ0247FC02
240	50	10A	QFS-B0012FCZZ	P0349FC	RTRNP0349FCZZ	800W 240V	RLMPU0318FCZZ	170V 275W	RLMPU0322FCZZ		RMOTE0371FCZZ		RMOTE0395FCZZ	5.6K 20W	CR-WZ0248FC02

VOLT/HZ		MM		MMC (M.M. CAPACITOR)		R2 (CFM RESISTOR)		HL TRIAC		HL TF		CLTF	
100	50	TE1201	RMOTD0396FCZZ	250V 12UF	RC-FZ0266FCZZ			BCR30GM-8	VHSBCR30GM8R1	182 ℃ 10A	CFS-T0069FC51	150 ℃ 10A	CFS-T0070FC31
100	60	TE1202	RMOTD0397FCZZ	250V 10UF	RC-FZ0267FCZZ			BCR30GM-8	VHSBCR30GM8R1			150 ℃ 10A	CFS-T0070FC31
110	50	TE1206	RMOTD0401FCZZ	250V 11UF	RC-FZ0271FCZZ			BCR30GM-8	VHSBCR30GM8R1			126 ℃ 10A	CFS-T0071FC31
110	60	TE1203	RMOTD0398FCZZ	250V 10UF	RC-FZ0267FCZZ			BCR30GM-8	VHSBCR30GM8R1				
120	60	TE1203	RMOTD0398FCZZ	250V 8UF	RC-FZ0268FCZZ			BCR16HM-8	VHSBCR16HM-08				
127	60	TE1209	RMOTD0404FCZZ	250V 11UF	RC-FZ0271FCZZ			BCR16HM-8	VHSBCR16HM-08				
200	50	TE1208	RMOTD0403FCZZ	500V 4UF	RC-FZ0272FCZZ		CR-WZ0312FC01	BCR16HM-12	VHSBCR16HM-12				
220	50	TE1204	RMOTD0399FCZZ	430V 3.5UF	RC-FZ0269FCZZ		CR-WZ0313FC01	BCR16HM-12	VHSBCR16HM-12				
220	60	TE1207	RMOTD0402FCZZ	500V 3.0UF	RC-FZ0270FCZZ		CR-WZ0314FC01	BCR16HM-12	VHSBCR16HM-12				
240	50	TE1205	RMOTD0400FCZZ	500V 3.0UF	RC-FZ0270FCZZ		CR-WZ0315FC01	BCR16HM-12	VHSBCR16HM-12				

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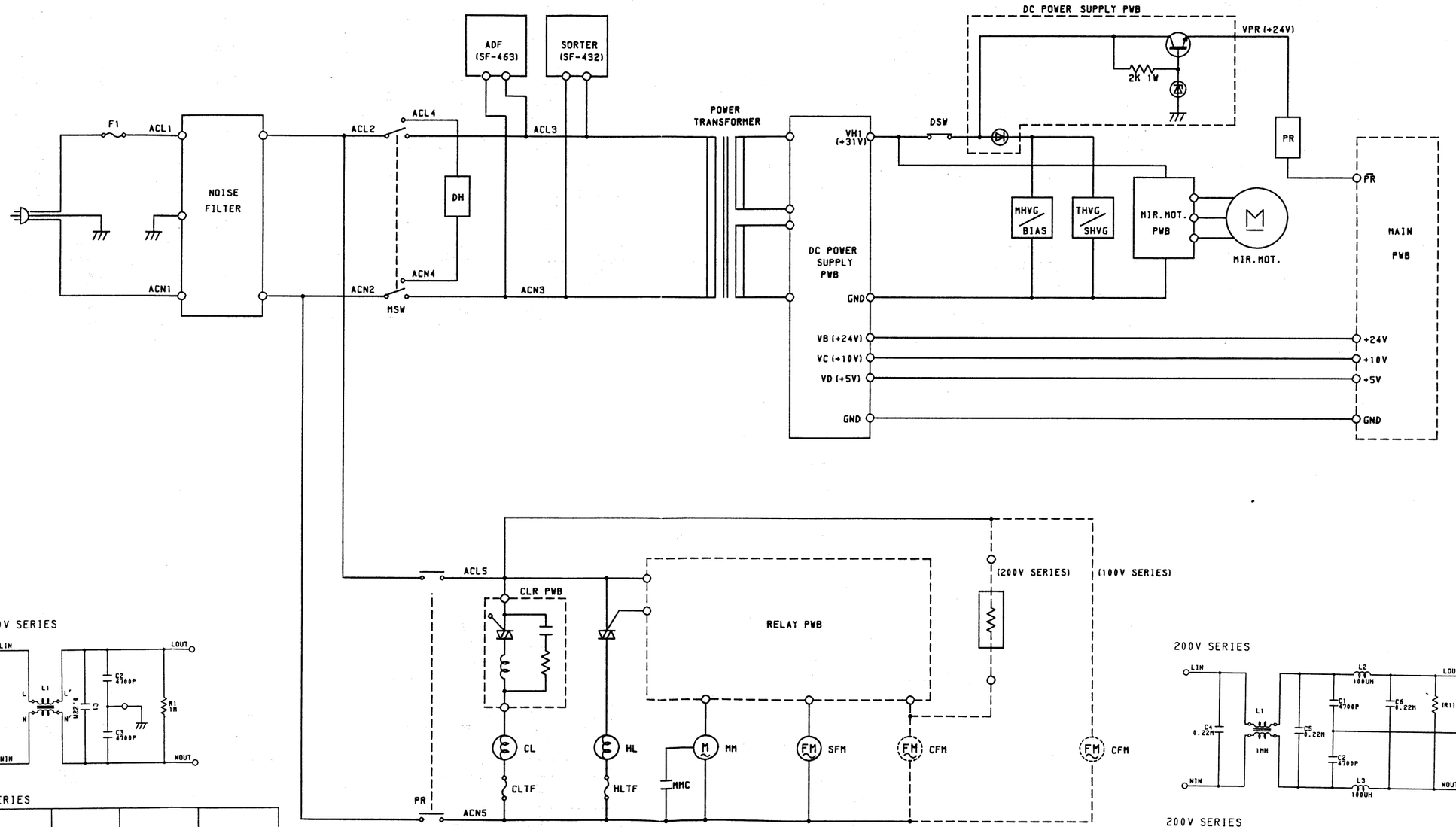
〔3〕 メイン回路-1 (CPU部)
〔3〕 MAIN CIRCUIT-1 (CPU SECTION)

IC116 CPU
UPD7811G
X101 CSA3.7MT1
BC101 CSC300K
C119 22000P
C120 47M
R120 1K
R121 1K
BR109 10KX8
BR115 10KX8
BR114 4.7KX4
C131 22000P
IC124 TC74HC373
C124 22000P
IC115 1/01
UPD8255
C123 22000P
IC114 1/02
UPD8255
C122 22000P
C121 22000P
C126 220P
TP8
IC104 TA78L020AP
R101 4.7K F
R102 1.5K F
C104 0.1M
IC105 1/4 1R3702
D116
IC122 1/2 74LS139
IC122 1/2 74LS139
4.7K (1-4C) BR
IC129 RAM LH5101-45
C160 22000P
IC125 ROM M5L27128
R122 4.7K
J1
J2
C127 22000P
IC123 1/03 TC74HC374
C125 22000P
C130 22000P
C129 22000P
C128 22000P
CAD-F0221

〔2〕 AC電源回路
〔2〕 AC POWER SUPPLY CIRCUIT

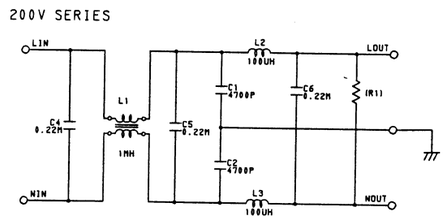


100V SERIES

100V SERIES

100V 110V	L1	SC-12-030	RC1LF0041FCZZ	CPWBF0539FC51
	C1	ECQ-UD 0.22UF	RC-QZ0022FCZZ	
	C2.C3	DL 4700PF	RC-KZ0046FCZZ	
	R1	1M 1/4W	VRD-ST2EY105J	
120V 127V	L1	1MH10A	RC1LF0027FCZZ	CPWBF0539FC52
	C1	ECQ-UD 0.22UF	RC-QZ0022FCZZ	
	C2.C3	DL 4700PF	RC-KZ0046FCZZ	
	R1	1M 1/4W	VRD-ST2EY105J	

200V SERIES



200V SERIES

SEEG	L1	1MH10A	RC1LF0027FCZZ	CPWBF0540FC52
	C1.C2	KE 4700PF	RC-KZ0248FCZZ	
	C4.C5.C6	ECQ-UN 0.22UF	RC-QZ0260FCZZ	
	R1	———	———	
	L2.L3	100UH8A	RC1LF0031FCZZ	
EXCEPT SEEG	L1	1MH10A	RC1LF0027FCZZ	CPWBF0540FC51
	C1.C2	KE 4700PF	RC-KZ0248FCZZ	
	C4.C5.C6	ECQ-UV 0.22UF	QC-QZ0188FCZZ	
	R1	470K 1/4W	VRD-ST2EY474J	
	L2.L3	100UH8A	RC1LF0031FCZZ	

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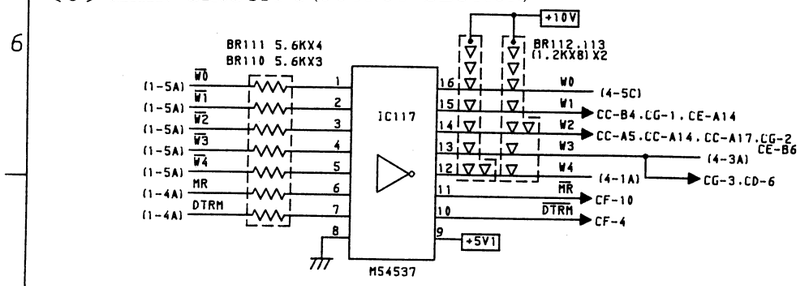
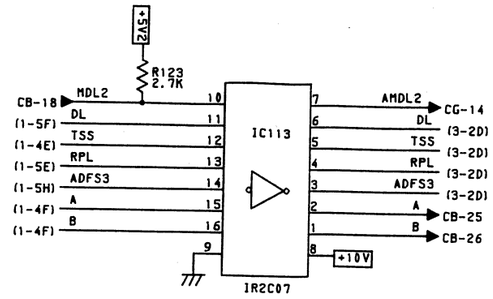
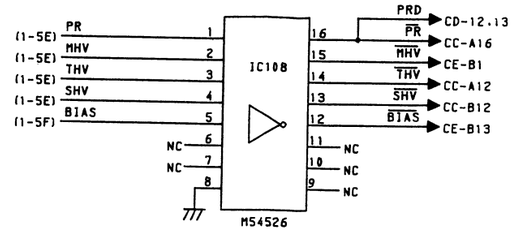
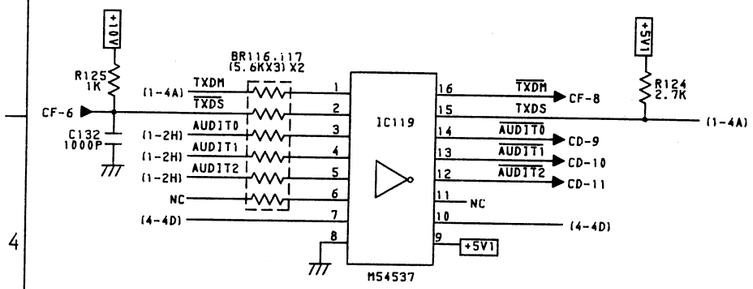
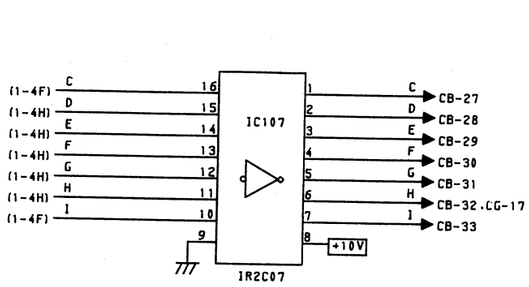
〔3〕 メイン回路-3 (出力部)
〔3〕 MAIN CIRCUIT-3 (OUTPUT SECTION)

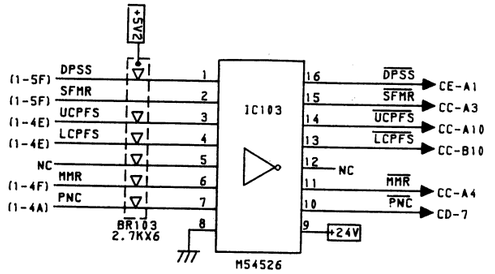


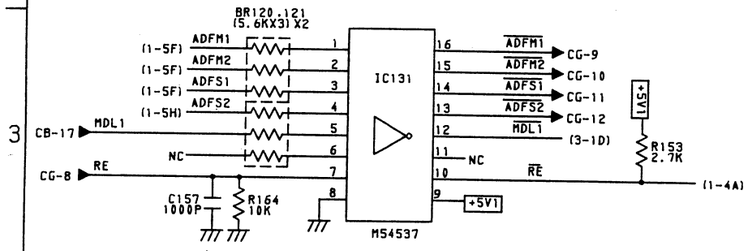


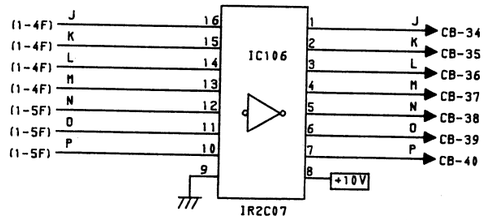


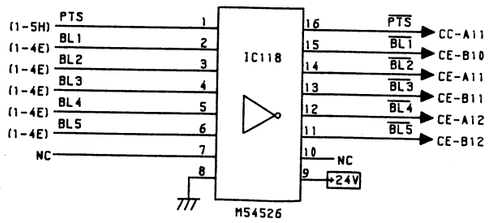


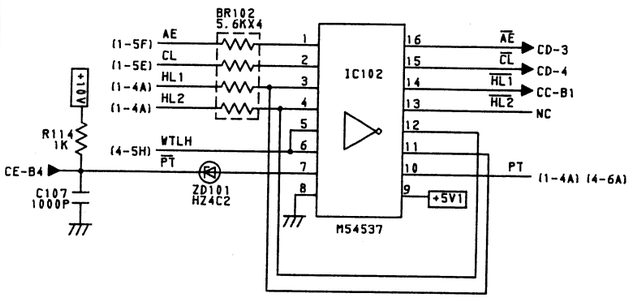


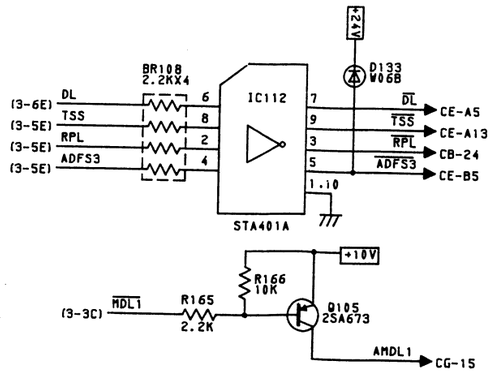


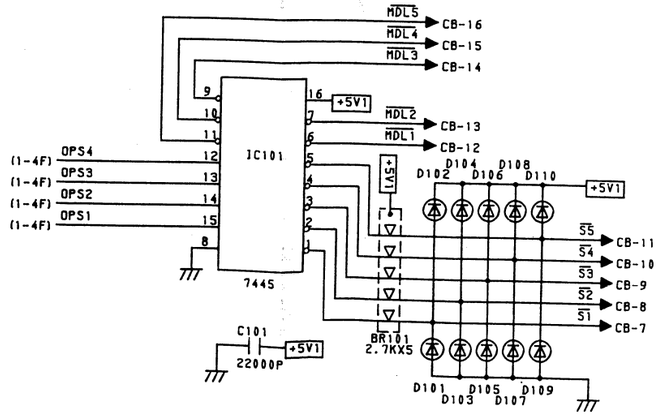












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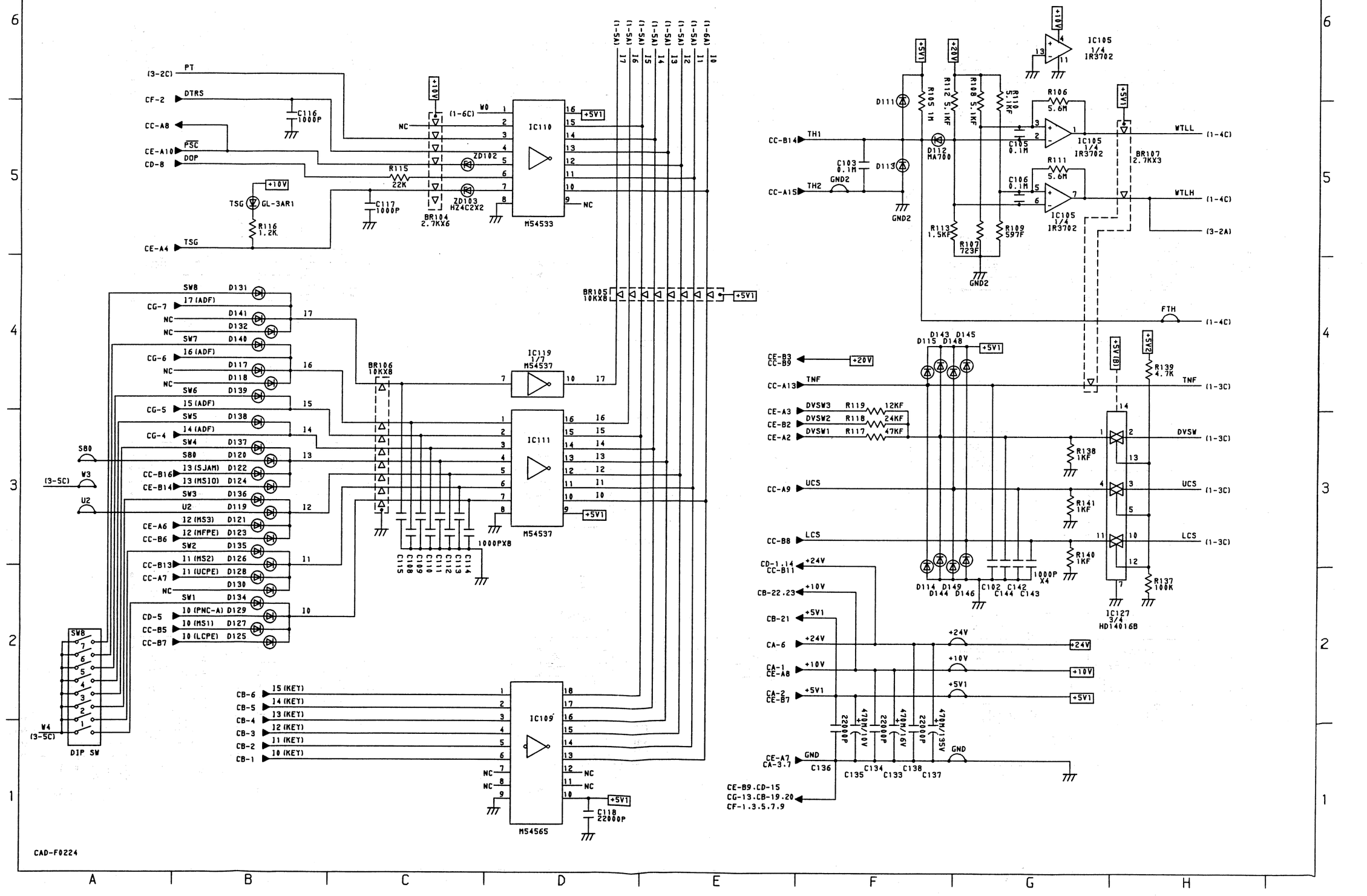
〔3〕メイン回路−4（入力部）
〔3〕MAIN CIRCUIT-4 (INPUT SECTION)



〔3〕 メイン回路-5 (コネクター信号)
〔3〕 MAIN CIRCUIT-5 (CONNECTOR SIGNAL)

CN-C

A1	FW	RELAY PWB
B1	$\overline{HLT}$	
A2		
B2		
A3	$\overline{SFMR}$	
B3		
A4	$\overline{MMR}$	
B4	W1	PAPER FEED UNIT
A5	W2	
B5	10 (MS1)	
A6		
B6	12 (MFPE)	
A7	11 (UCPE)	
B7	10 (LCPE)	
A8	$\overline{PSS}$	
B8	LCS	
A9	UCS	
B9	+20V	
A10	$\overline{UCPFS}$	
B10	$\overline{LCPFS}$	
A11	PTS	
B11	+24V	
A12	$\overline{THV}$	
B12	$\overline{SHV}$	
A13	TNF	
B13	11 (MS2)	
A14	W2	
B14	TH1	
A15	TH2	
B15		
A16	$\overline{PR}$	
B16	13 (SJAM)	
A17	W2	
B17		

CN-B

1	I0	OPERATION PWB
2	I1	
3	I2	
4	I3	
5	I4	
6	I5	
7	$\overline{S1}$	
8	$\overline{S2}$	
9	$\overline{S3}$	
10	$\overline{S4}$	
11	$\overline{S5}$	
12	$\overline{MDL1}$	
13	$\overline{MDL2}$	
14	$\overline{MDL3}$	
15	$\overline{MDL4}$	
16	$\overline{MDL5}$	
17	MDL1	
18	MDL2	
19	GND	
20	GND	
21	+5V1	
22	+10V	
23	+10V	
24	RPL	
25	A	
26	B	
27	C	
28	D	
29	E	
30	F	
31	G	
32	H	
33	I	
34	J	
35	K	
36	L	
37	M	
38	N	
39	O	
40	P	

CN-G (ADF)

1	W1	ADF
2	W2	
3	W3	
4	I4	
5	I5	
6	I6	
7	I7	
8	RE	
9	$\overline{ADFM1}$	
10	$\overline{ADFM2}$	
11	$\overline{ADFS1}$	
12	$\overline{ADFS2}$	
13	GND	
14	AMDL2	
15	AMDL1	
16		
17	H	
18		

CN-D

1	+24V	CLR PWB
2		
3	$\overline{AE}$	
4	$\overline{CL}$	
5	I0 (PNC-A)	
6	W3	
7	$\overline{PNC}$	
8	DOP	
9	$\overline{AUDIT0}$	
10	$\overline{AUDIT1}$	
11	$\overline{AUDIT2}$	
12	PRD	
13	PRD	
14	+24V	
15	GND	

CN-F

10	MR	MIR. MOT. PWB
9	GND	
8	$\overline{TXDM}$	
7	GND	
6	$\overline{TXDS}$	
5	GND	
4	$\overline{DTRM}$	
3	GND	
2	DTRS	
1	GND	

CN-E

A1	$\overline{DPSS}$	
B1	$\overline{MHV}$	
A2	DVSW1	
B2	DVSW2	
A3	DVSW3	
B3	+20V	
A4	TSG	
B4	PT	
A5	DL	
B5	ADFS3	
A6	12 (MS3)	
B6	W2	
A7	GND	D.C. POWER SUPPLY
B7	+5V1	
A8	+10V	
B8	CNS2	
A9	FWS	MIR. MOT PWB
B9	GND	
A10	$\overline{PSS}$	
B10	$\overline{BL1}$	B.L.
A11	$\overline{BL2}$	
B11	$\overline{BL3}$	
A12	$\overline{BL4}$	
B12	$\overline{BL5}$	
A13	$\overline{TSS}$	
B13	$\overline{BIAS}$	
A14	W1	
B14	13 (MS10)	
A15		
B15		

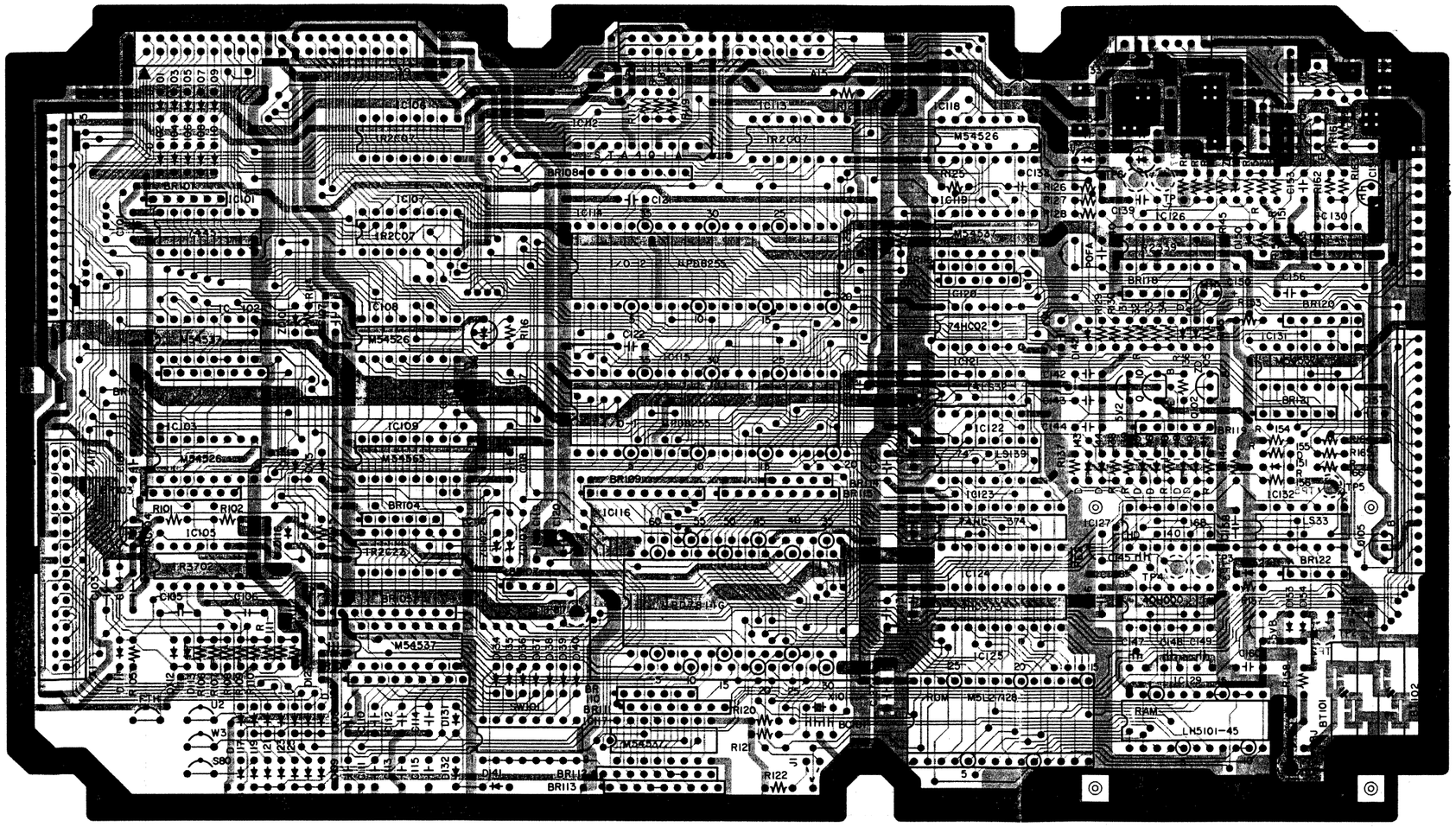
CN-A

1	+10V	DC POWER SUPPLY
2	+5V1	
3	GND	
4	FW	
5	CNS1	
6	+24V	
7	GND	

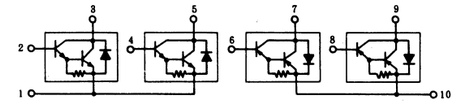
CAD-F022B

SF－8100

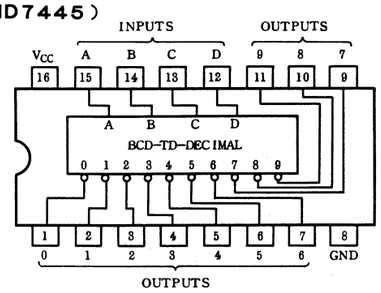
〔3〕メイン基板
〔3〕MAIN P.W.B.



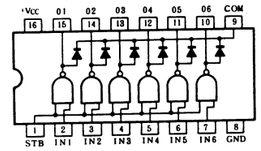
(STA401A)



(HD7445)



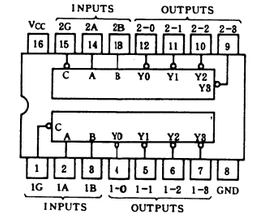
(IR2C23)



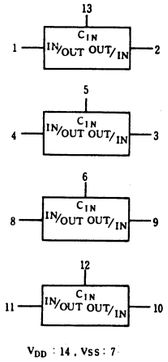
TRUTH TABLE

INPUTS				OUTPUTS								
D	C	B	A	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	1	1	1	1	1	1	1	1	1
0	0	0	1	1	0	1	1	1	1	1	1	1	1
0	0	1	0	1	1	0	1	1	1	1	1	1	1
0	0	1	1	1	1	1	0	1	1	1	1	1	1
0	1	0	0	1	1	1	1	0	1	1	1	1	1
0	1	0	1	1	1	1	1	1	0	1	1	1	1
0	1	1	0	1	1	1	1	1	1	0	1	1	1
0	1	1	1	1	1	1	1	1	1	1	0	1	1
1	0	0	0	1	1	1	1	1	1	1	1	0	1
1	0	0	1	1	1	1	1	1	1	1	1	1	0
1	0	1	0	1	1	1	1	1	1	1	1	1	1
1	0	1	1	1	1	1	1	1	1	1	1	1	1
1	1	0	0	1	1	1	1	1	1	1	1	1	1
1	1	0	1	1	1	1	1	1	1	1	1	1	1
1	1	1	0	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1

(SN74LS139)



(HD14016B)



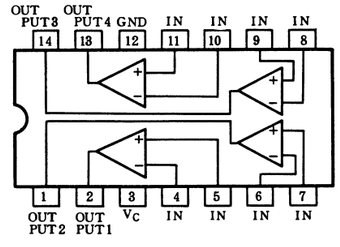
VDD : 14 , Vss : 7

TRUTH TABLE

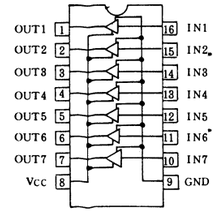
INPUTS			OUTPUTS			
G	B	A	0	1	2	3
H	×	×	H	H	H	H
L	L	L	L	H	H	H
L	L	H	H	L	H	H
L	H	L	H	H	L	H
L	H	H	H	H	H	L

× : Irrelevant

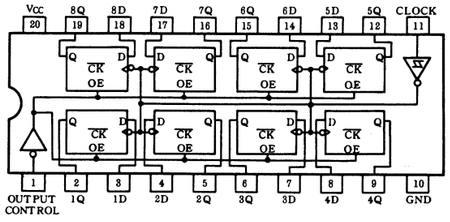
(IR2339)



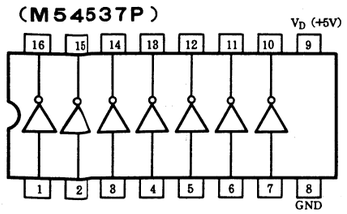
(IR2C07)



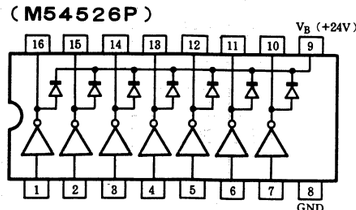
(TC74HC373)



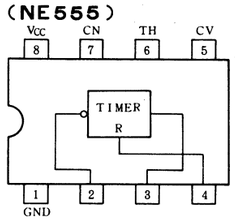
(M54537P)



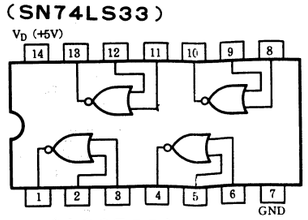
(M54526P)



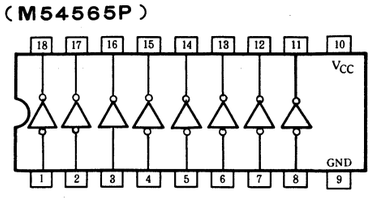
(NE555)



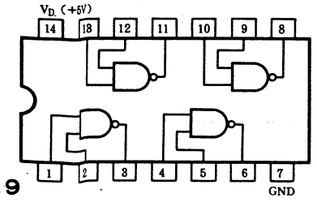
(SN74LS33)



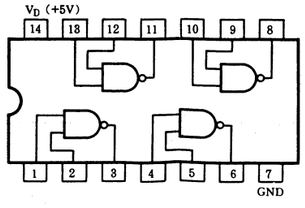
(M54565P)



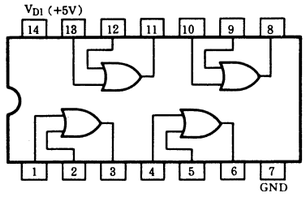
(TC40H000P)



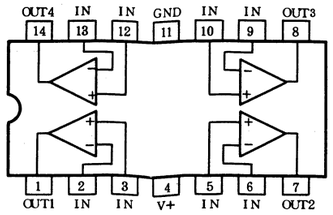
(SN74LS00)



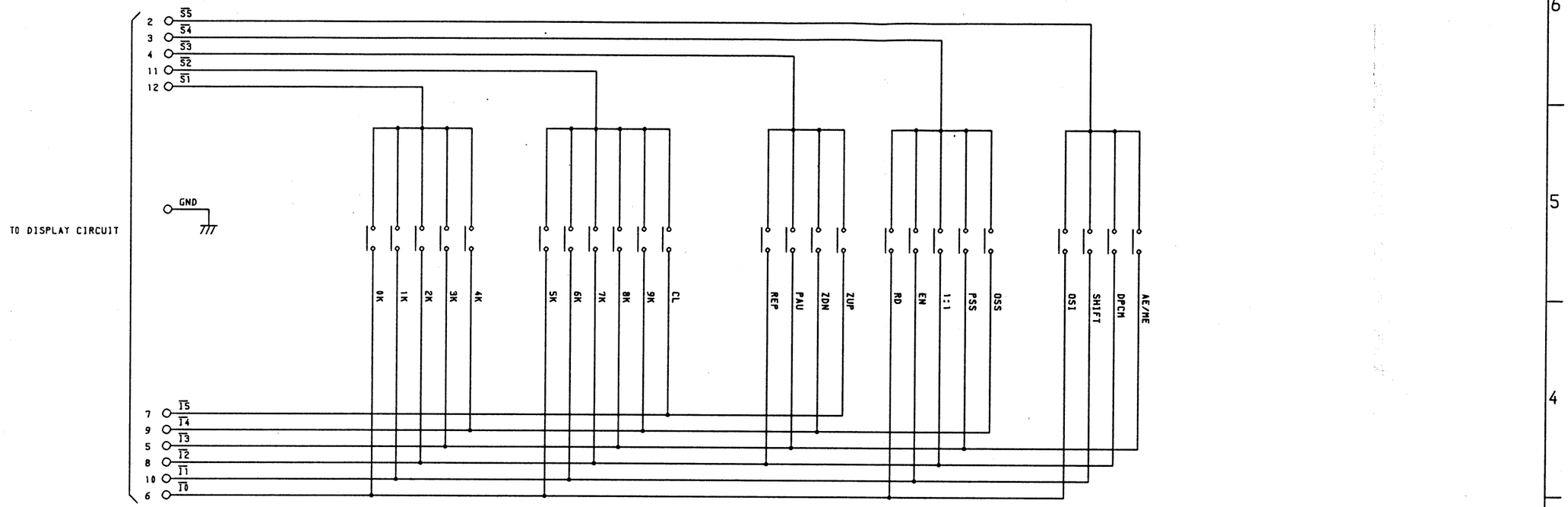
(SN74LS32)



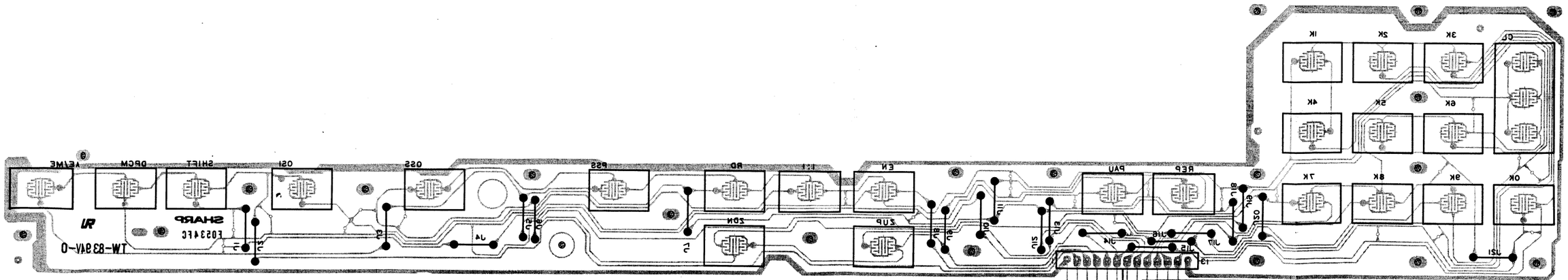
(IR3702)



〔4〕操作回路
〔4〕OPERATION CIRCUIT



〔4〕操作基板
〔4〕OPERATION P.W.B.



1	2	3	4	5	6	7	8	9	10	11	12	13
GND	S5	S4	S3	I3	I0	I5	I2	I4	I1	S2	S1	GND

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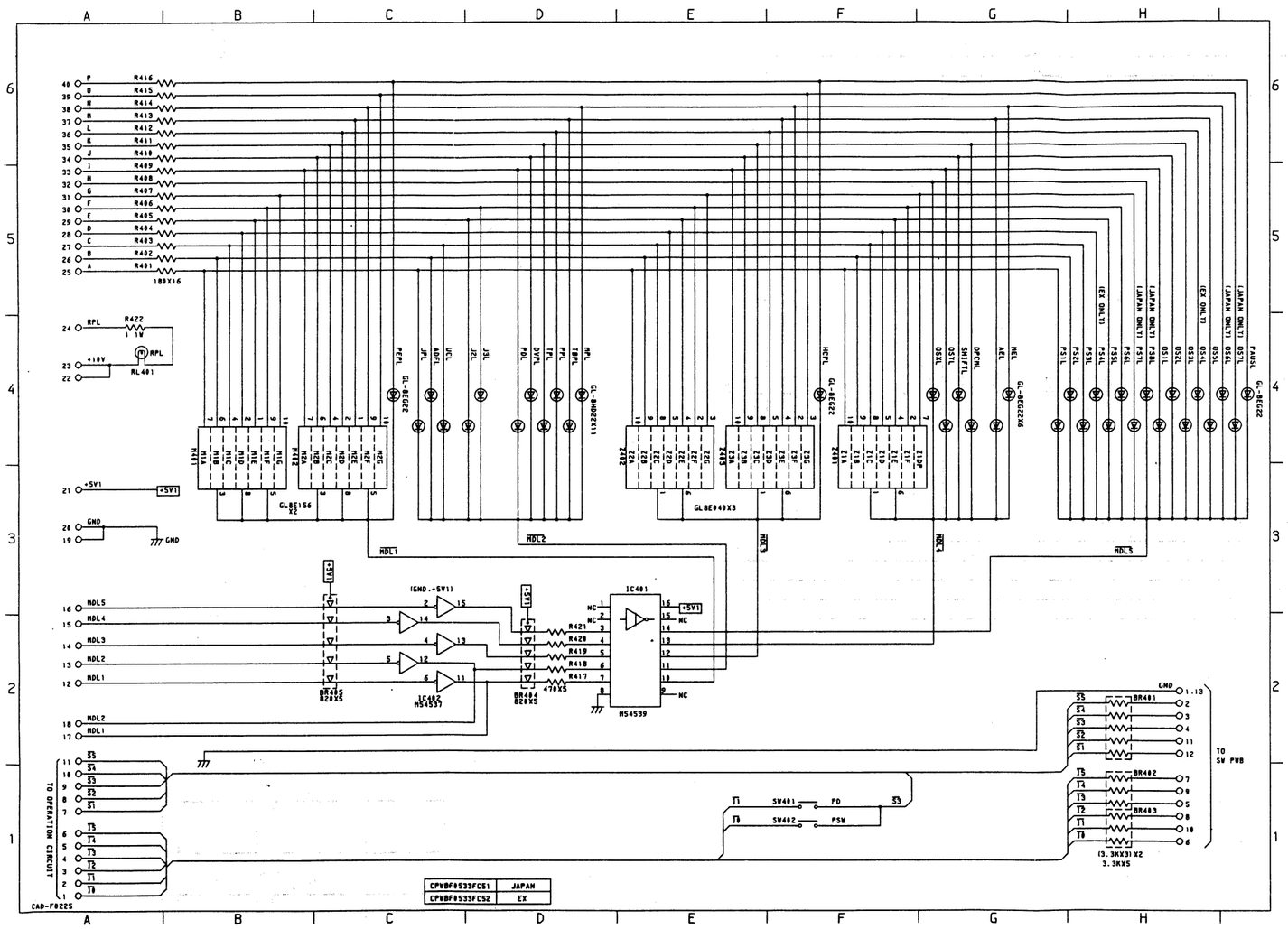
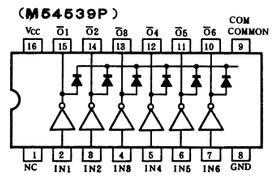
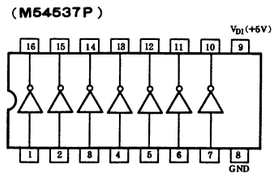
〔5〕表示回路
〔5〕DISPLAY CIRCUIT



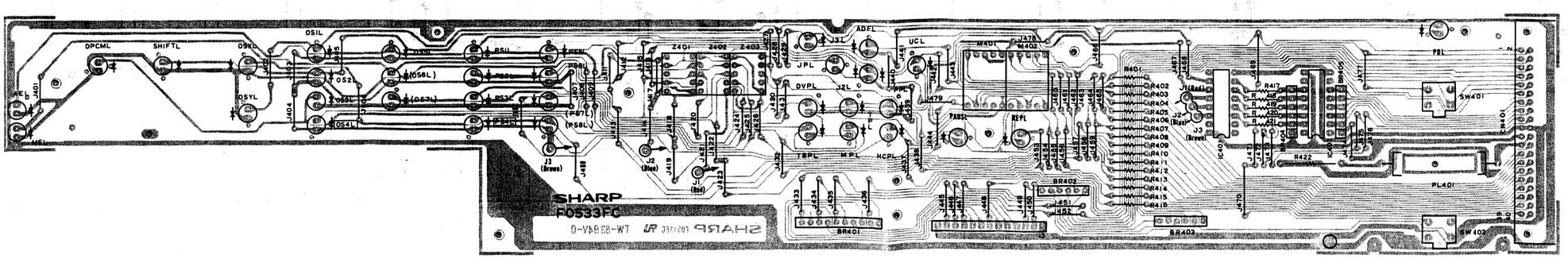
(M54539P)



(M54537P)



〔5〕表示基板
〔5〕DISPLAY P.W.B.

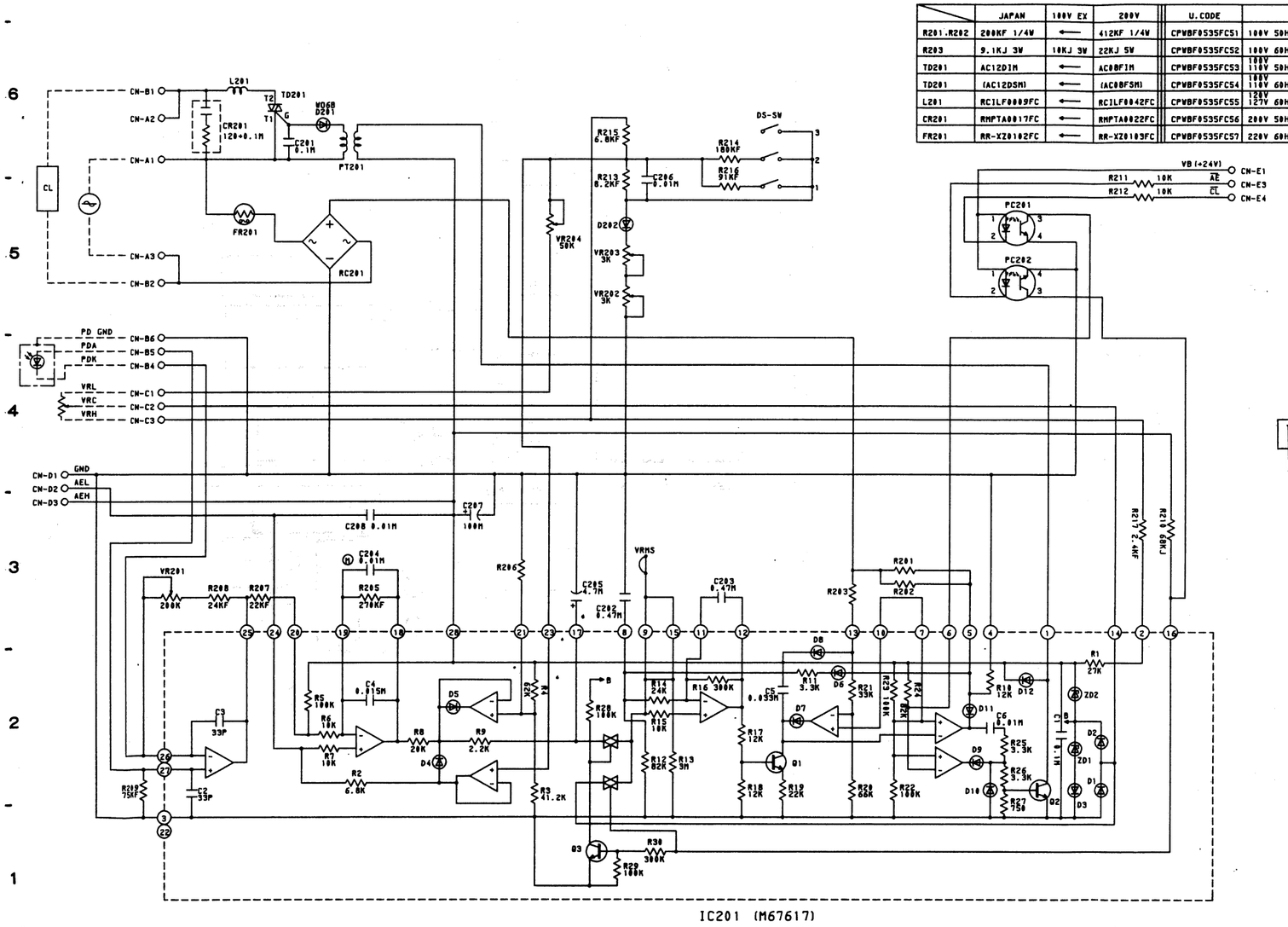


部品面シルク図

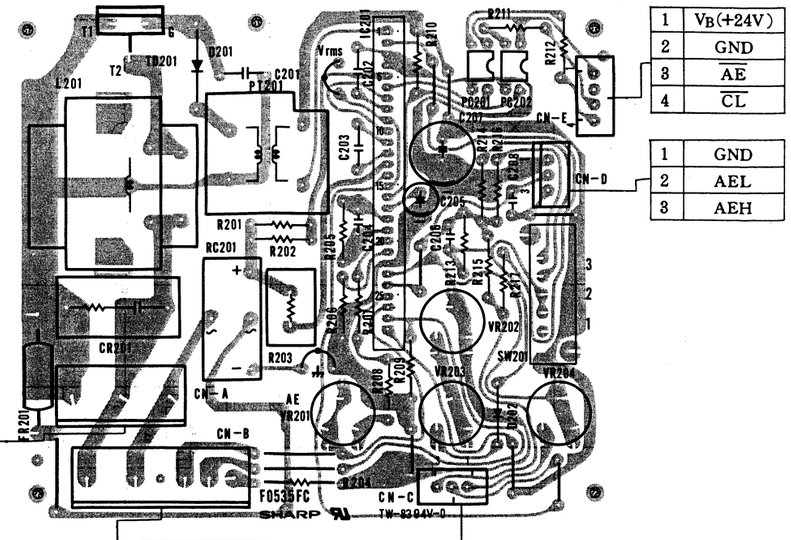
1	$\overline{I0}$	2	$\overline{I1}$
3	$\overline{I2}$	4	$\overline{I3}$
5	$\overline{I4}$	6	$\overline{I5}$
7	$\overline{S1}$	8	$\overline{S2}$
9	$\overline{S3}$	10	$\overline{S4}$
11	$\overline{S5}$	12	$\overline{MDL1}$
13	$\overline{MDL2}$	14	$\overline{MDL3}$
15	$\overline{MDL4}$	16	$\overline{MDL5}$
17	MDL1	18	MDL2
19	GND	20	GND
21	VD(+5V)	22	VC(+10V)
23	VC(+10V)	24	$\overline{RPL}$
25	A	26	B
27	C	28	D
29	E	30	F
31	G	32	H
33	I	34	J
35	K	36	L
37	M	38	N
39	O	40	P

〔6〕 CLC回路
〔6〕 CLC CIRCUIT

	JAPAN	100V EX	200V	U.CODE	
R201.R202	200KF 1/4W	←	412KF 1/4W	CPWBF0535FC51	100V 50HZ JAPAN
R203	9.1KJ 3W	10KJ 3W	22KJ 5W	CPWBF0535FC52	100V 60HZ JAPAN
TD201	AC12D1M	←	AC08F1M	CPWBF0535FC53	100V 110V 50HZ EX
TD201	(AC12D5M)	←	(AC08F5M)	CPWBF0535FC54	100V 110V 60HZ EX
L201	RC1LF0009FC	←	RC1LF0042FC	CPWBF0535FC55	120V 127V 60HZ EX
CR201	RMPTA0017FC	←	RMPTA0022FC	CPWBF0535FC56	200V 50HZ
FR201	RR-XZ0102FC	←	RR-XZ0103FC	CPWBF0535FC57	220V 60HZ



〔6〕 CLC基板
〔6〕 CLC P.W.B.



1	ACL5
5	ACN5

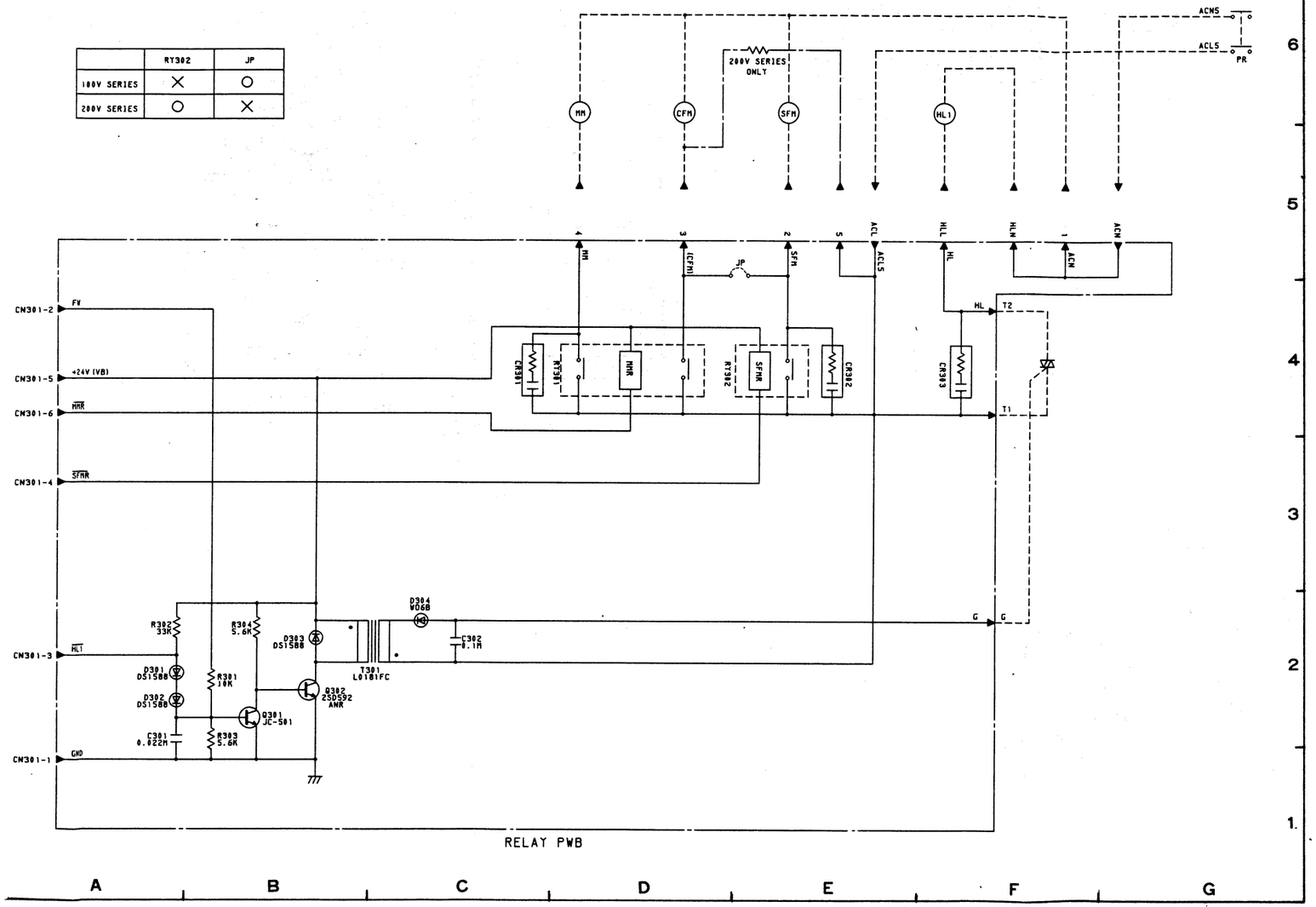
1	V_B(+24V)
2	GND
3	AE
4	$\overline{CL}$

1	GND
2	AEL
3	AEH

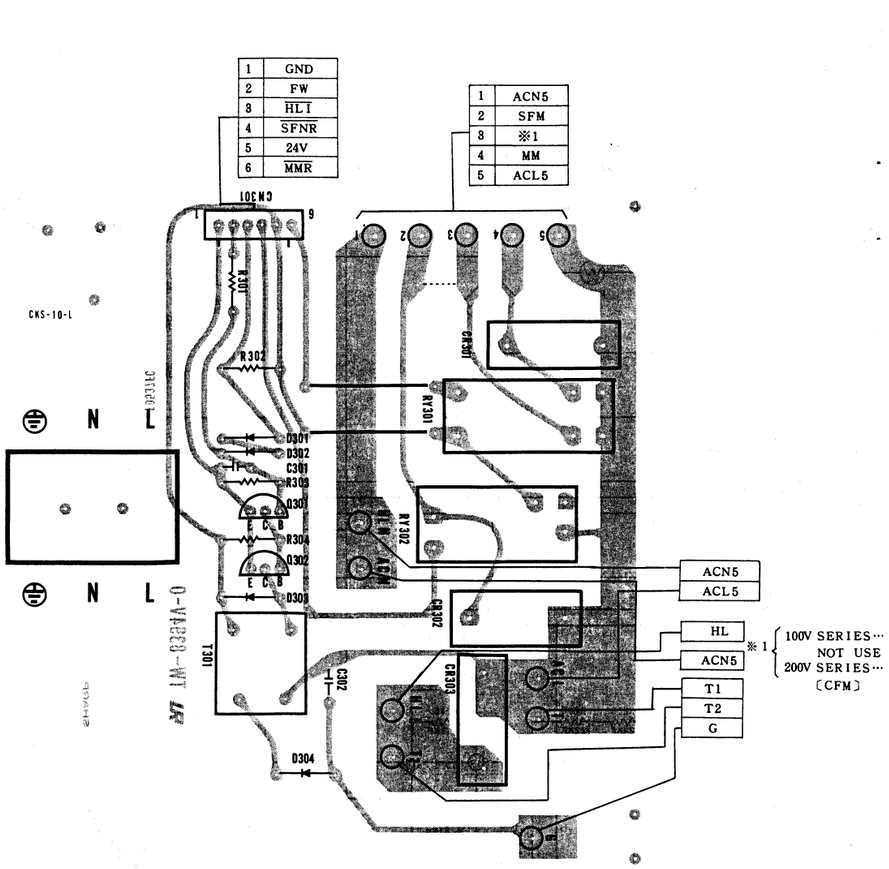
6	PDG
5	PDA
4	PDK
3	
2	ACN5
1	ACL5

1	VR1
2	VR2
3	VR3

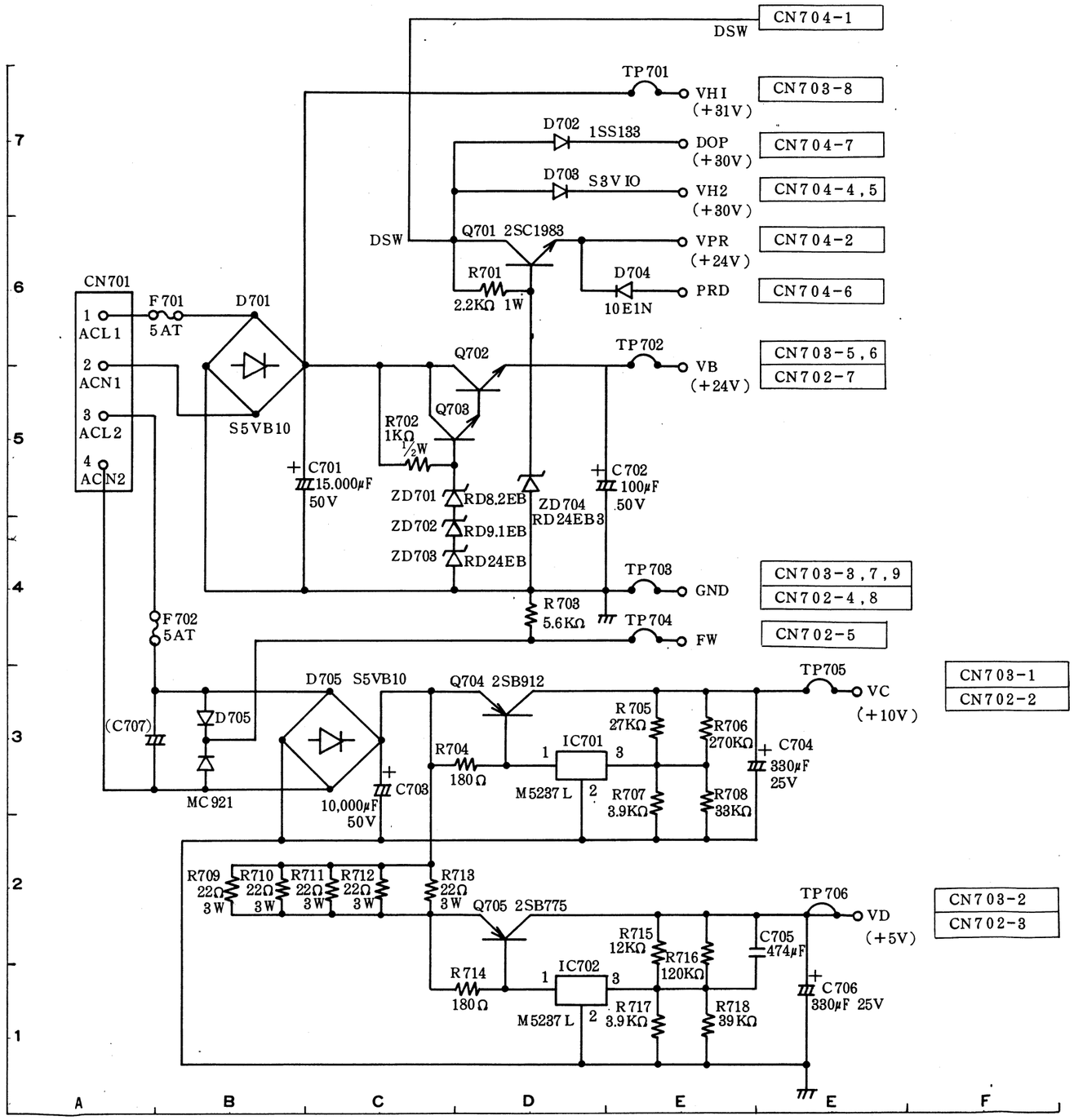
〔7〕リレー回路
〔7〕RELAY CIRCUIT

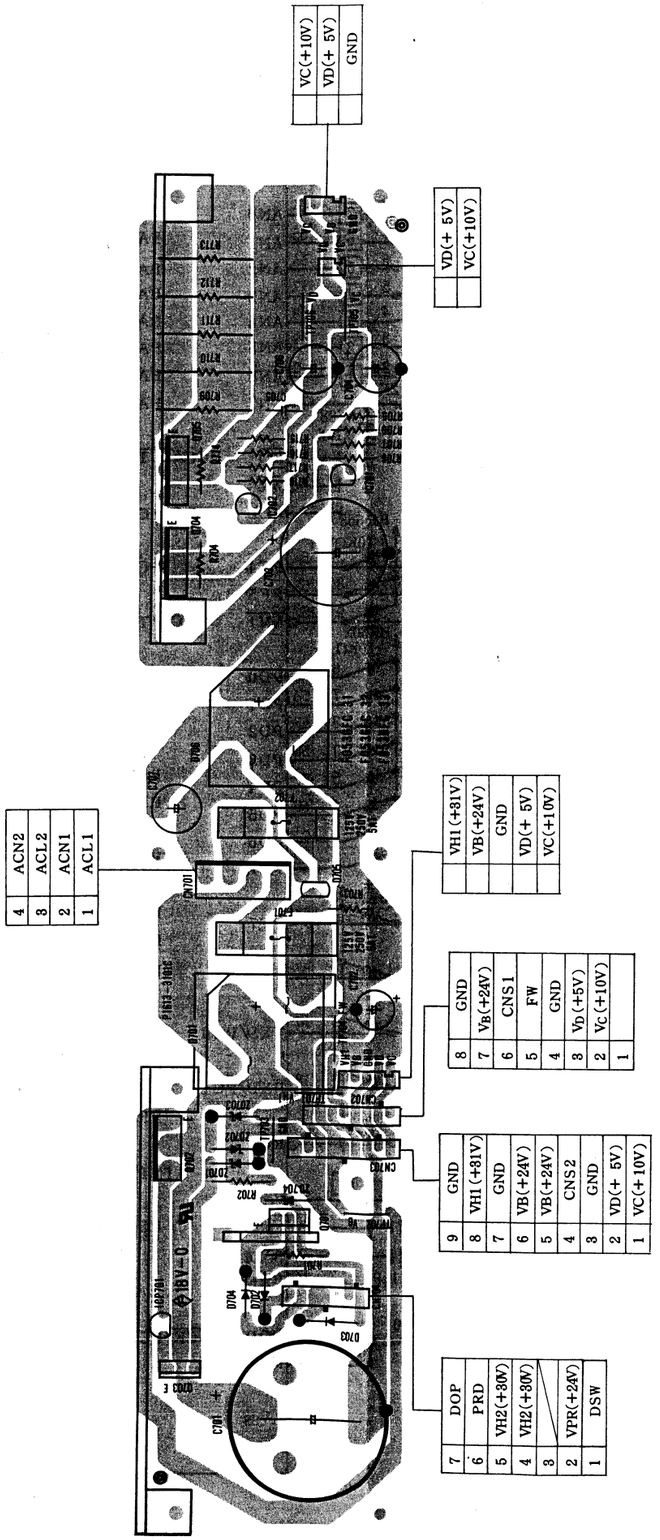


〔7〕リレー基板
〔7〕RELAY P.W.B.



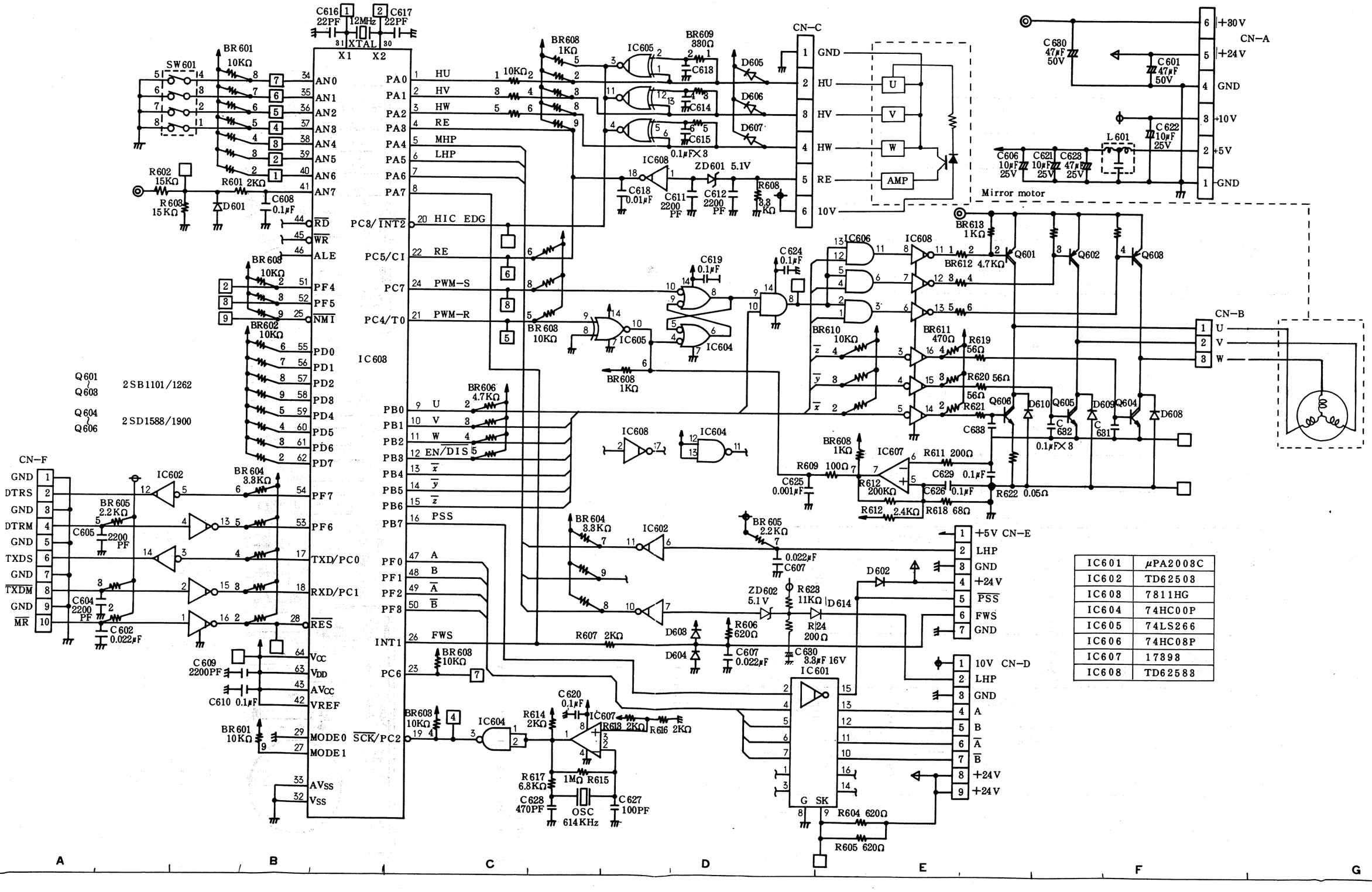
〔8〕 DC電源回路
〔8〕 DC POWER SUPPLY CIRCUIT





〔8〕 DC基板
〔8〕 DC POWER SUPPLY P.W.B.

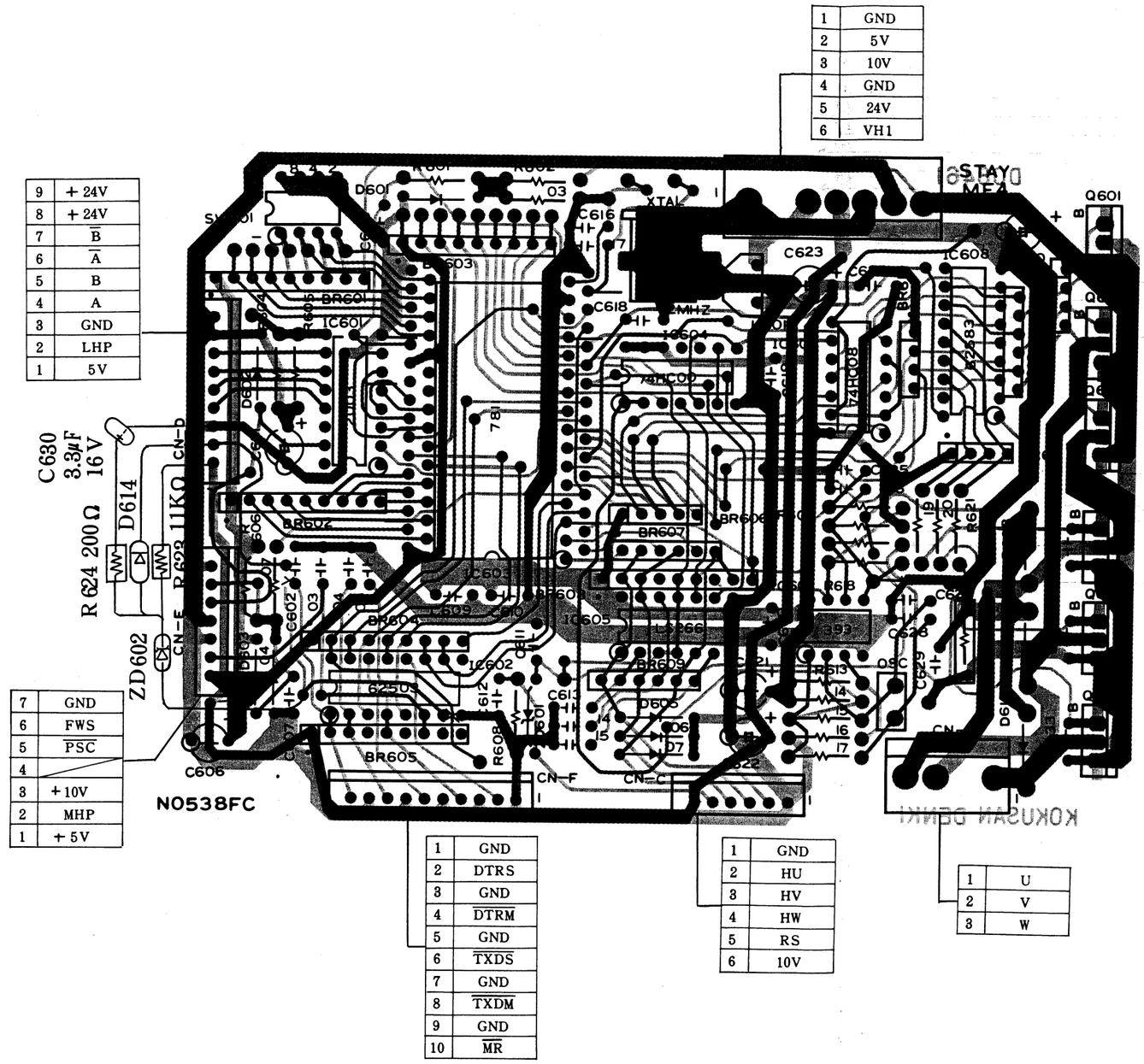
〔9〕ミラーモーター回路
〔9〕MIRROR MOTOR CIRCUIT



IC601	μPA2008C
IC602	TD62503
IC603	7811HG
IC604	74HC00P
IC605	74LS266
IC606	74HC08P
IC607	17893
IC608	TD62588

〔9〕 ミラーモーター基板

〔9〕 MIRROR MOTOR P.W.B.



9	+ 24V
8	+ 24V
7	$\overline{B}$
6	$\overline{A}$
5	B
4	A
3	GND
2	LHP
1	5V

1	GND
2	5V
3	10V
4	GND
5	24V
6	VH1

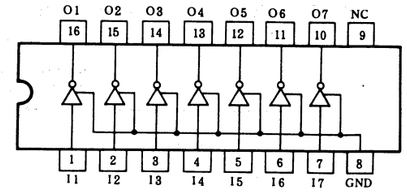
7	GND
6	FWS
5	$\overline{PSC}$
4	
3	+ 10V
2	MHP
1	+ 5V

1	GND
2	DTRS
3	GND
4	$\overline{DTRM}$
5	GND
6	$\overline{TXDS}$
7	GND
8	$\overline{TXDM}$
9	GND
10	$\overline{MR}$

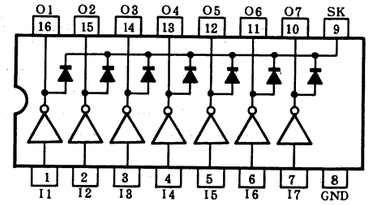
1	GND
2	HU
3	HV
4	HW
5	RS
6	10V

1	U
2	V
3	W

(TD62503)

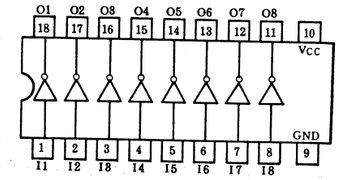


(μPA2003C)

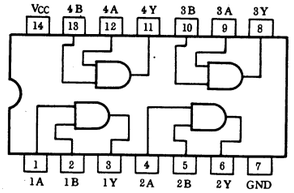


Top view

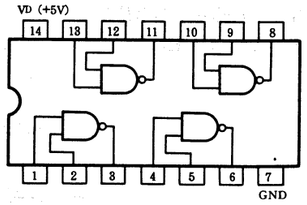
(TD62583)



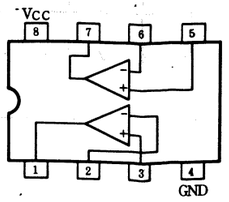
(74LS08)



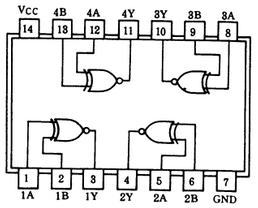
(74HC00P)



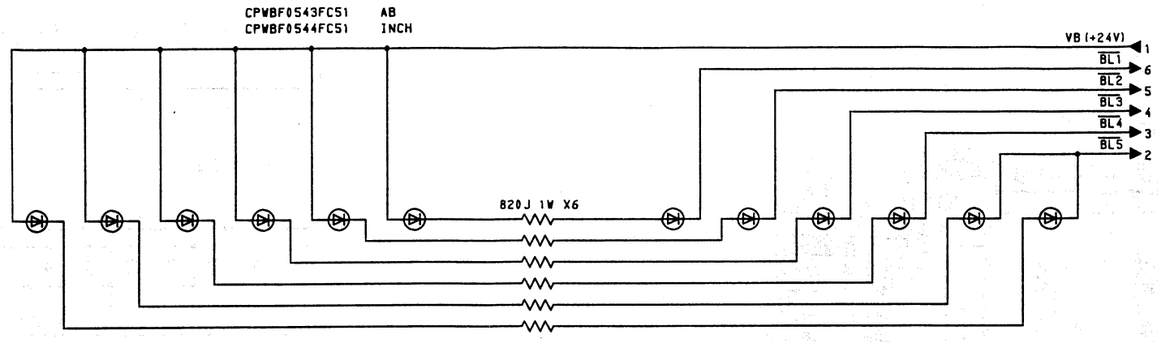
(HA17393)



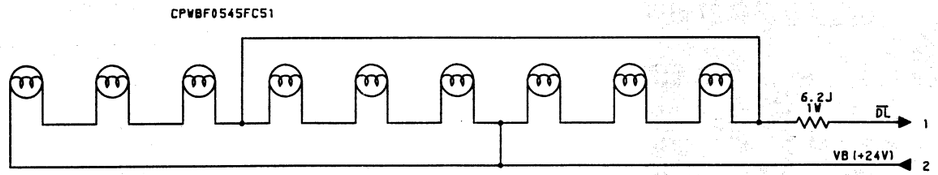
(74LS266)



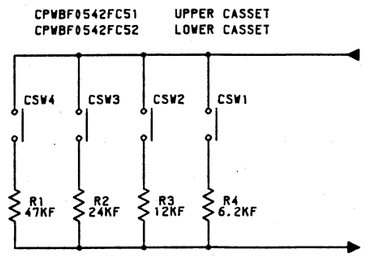
〔10〕ブランクランプ回路
〔10〕BLANK LAMP CIRCUIT



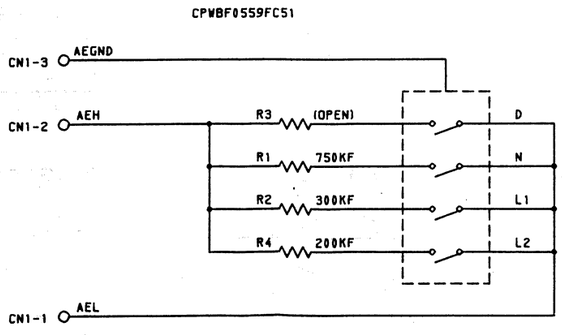
〔11〕除電ランプ回路
〔11〕DISCHARGE LAMP CIRCUIT



〔12〕カセットサイズ検知SW回路
〔12〕CASSETE SIZE SENSOR SWITCH CIRCUIT

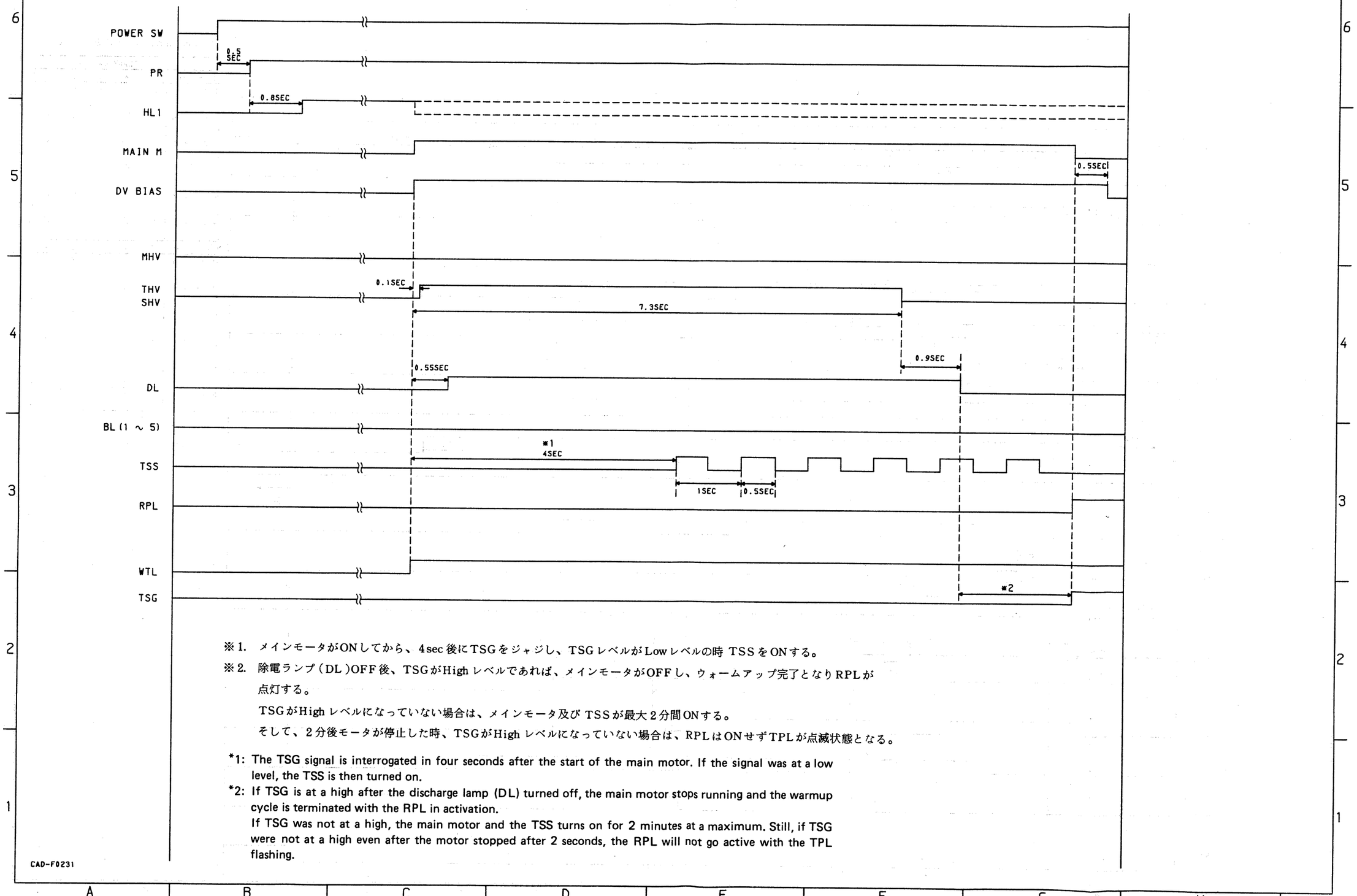


〔13〕AE補正SW回路
〔13〕AE CORRECTION SWITCH CIRCUIT



〔14〕 タイムチャート-1 (ウォームアップ)

〔14〕 TIME CHART-1 (Preliminary Operation)



※1. メインモータがONしてから、4sec後にTSGをジャジし、TSGレベルがLowレベルの時 TSSをONする。

※2. 除電ランプ(DL)OFF後、TSGがHighレベルであれば、メインモータがOFFし、ウォームアップ完了となりRPLが点灯する。

TSGがHighレベルになっていない場合は、メインモータ及びTSSが最大2分間ONする。

そして、2分後モータが停止した時、TSGがHighレベルになっていない場合は、RPLはONせずTPLが点滅状態となる。

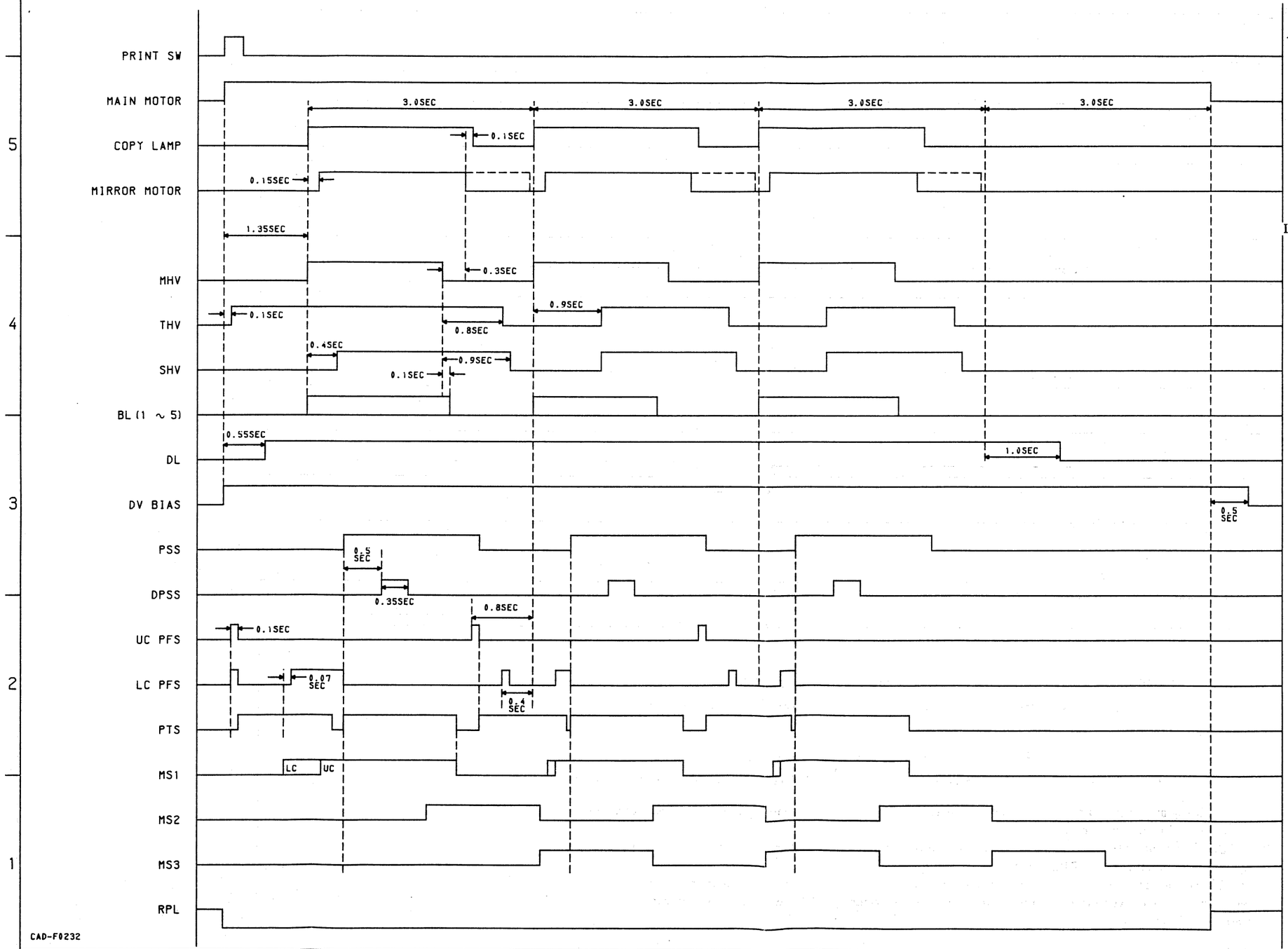
*1: The TSG signal is interrogated in four seconds after the start of the main motor. If the signal was at a low level, the TSS is then turned on.

*2: If TSG is at a high after the discharge lamp (DL) turned off, the main motor stops running and the warmup cycle is terminated with the RPL in activation.
If TSG was not at a high, the main motor and the TSS turns on for 2 minutes at a maximum. Still, if TSG were not at a high even after the motor stopped after 2 seconds, the RPL will not go active with the TPL flashing.

CAD-F0231

〔14〕 タイムチャート-2 (A4, 11″×8 1/2″コピー)

〔14〕 TIME CHART-2 (A4, 11″×8 1/2″Copy)

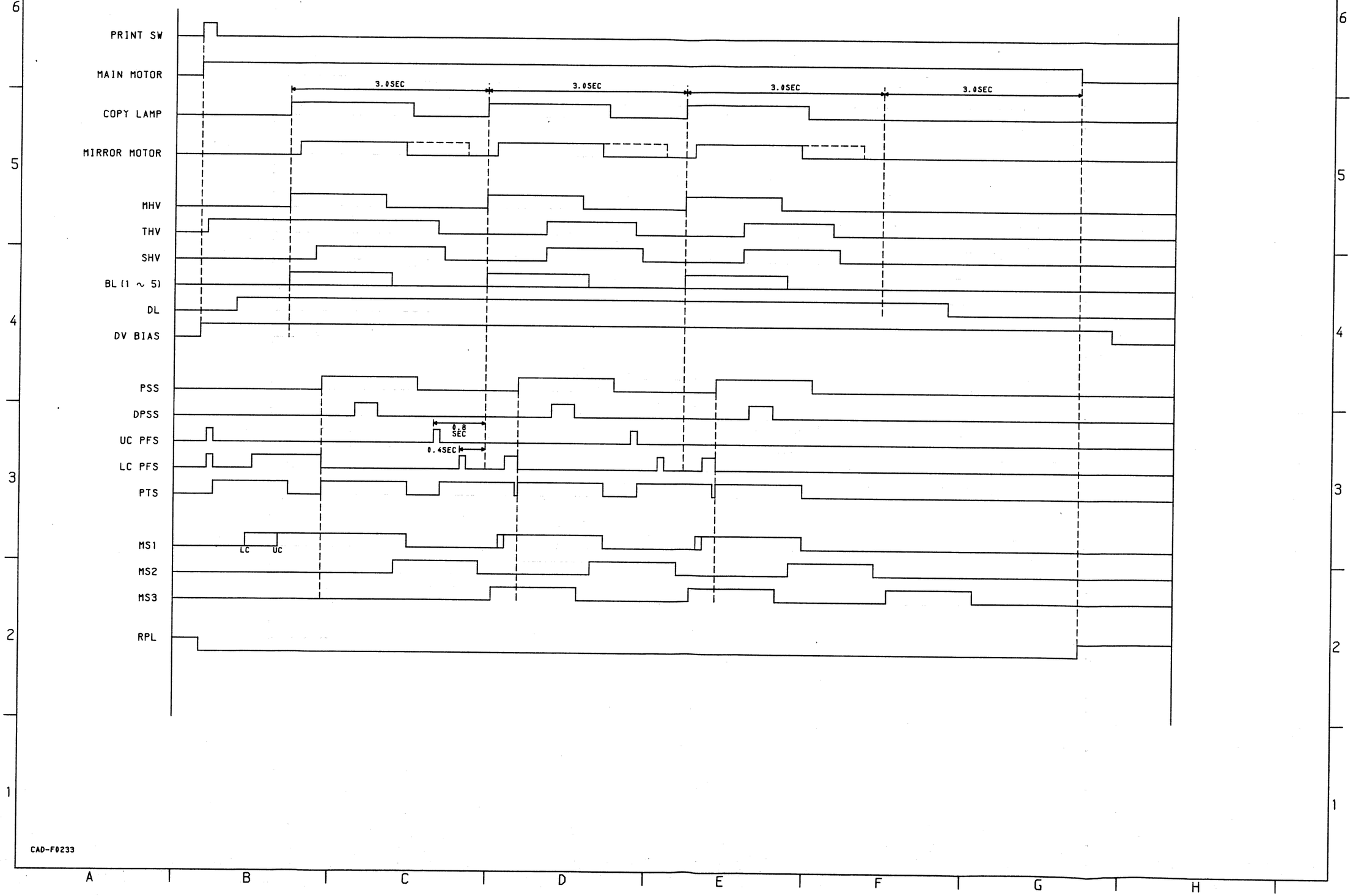


Blank lamp ON-OFF table

	BLANK LAMP (BL)				
AB series	5	4	3	2	1
0.93~1.42	X	X	X	X	X
0.86~0.92	○	X	X	X	X
0.80~0.85	○	○	X	X	X
0.74~0.79	○	○	○	X	X
0.69~0.73	○	○	○	○	X
0.64~0.68	○	○	○	○	○
Inch series	5	4	3	2	1
0.96~1.42	X	X	X	X	X
0.86~0.95	○	X	X	X	X
0.78~0.85	○	○	X	X	X
0.71~0.77	○	○	○	X	X
0.65~0.70	○	○	○	○	X
0.64	○	○	○	○	○

○ ON 点灯
× OFF 消灯

〔14〕 タイムチャート-3 (B5、コピー)
〔14〕 TIME CHART-3 (B5, Copy)

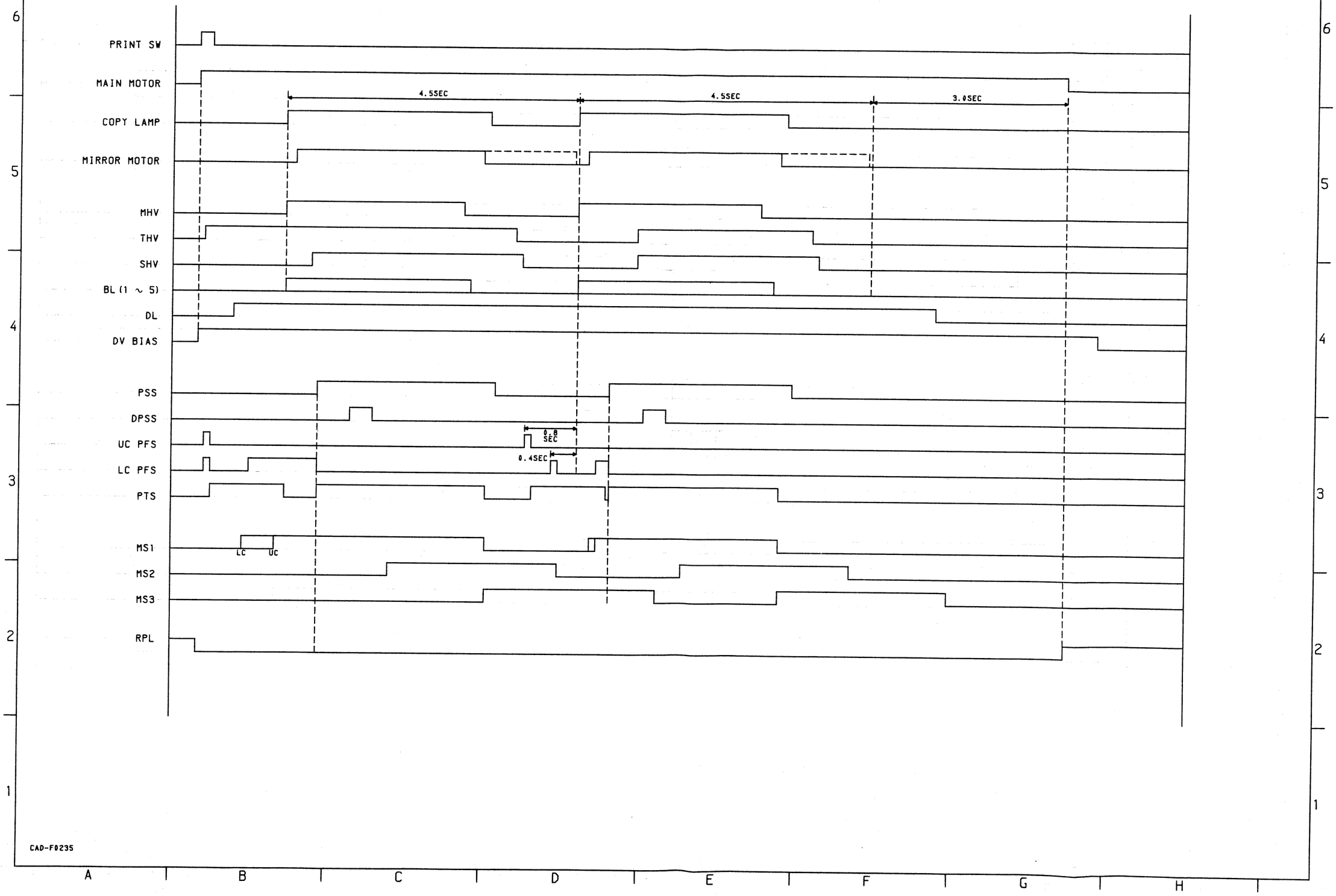


〔14〕 タイムチャート-4 (A4R、11″×8½″Rコピー)

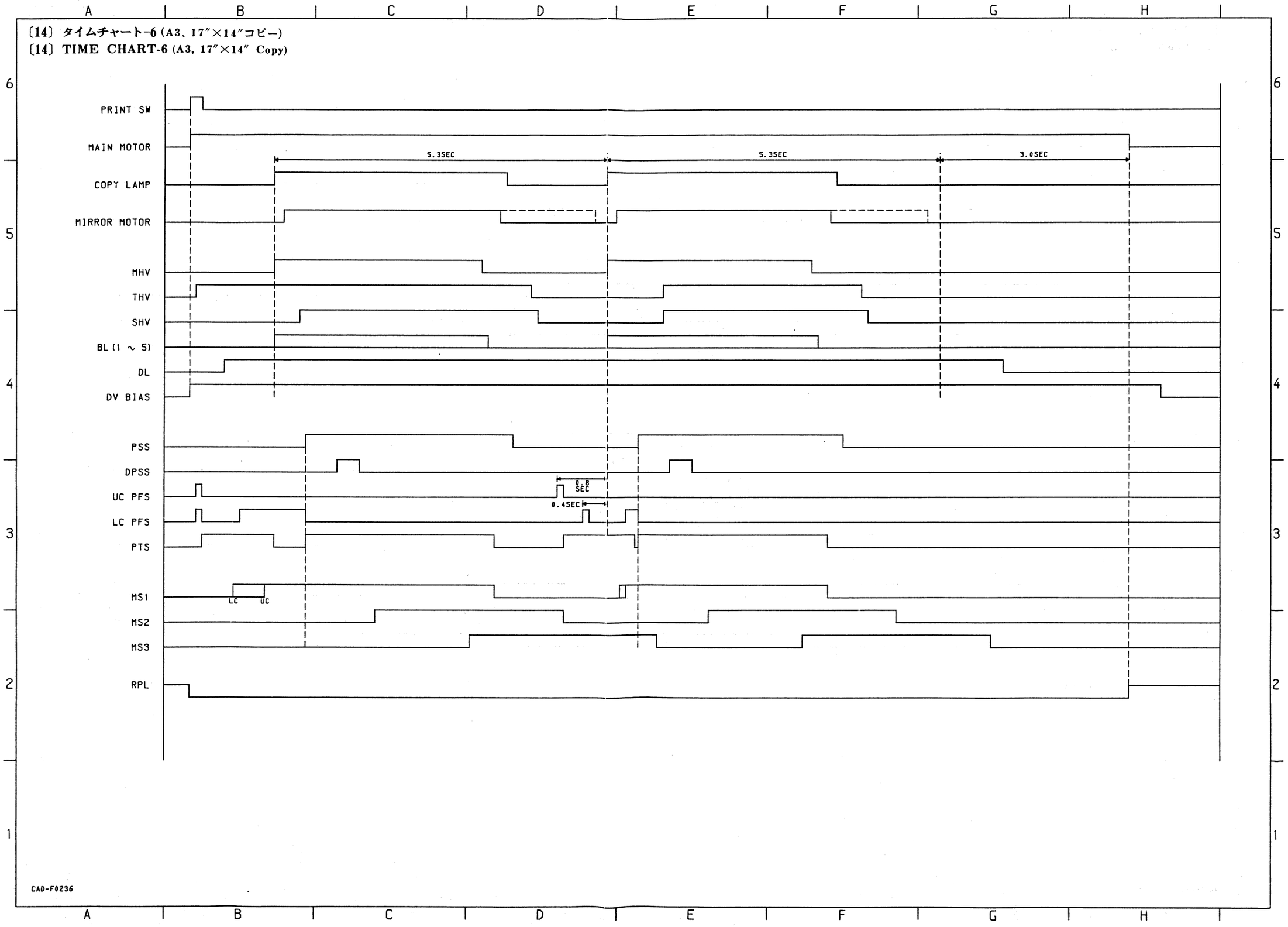
〔14〕 TIME CHART-4 (A4R, 11″×8½″R Copy)

〔14〕 タイムチャート−5 (B4、14″×8½″コピー)

〔14〕 TIME CHART-5 (B4, 14″×8½″ Copy)

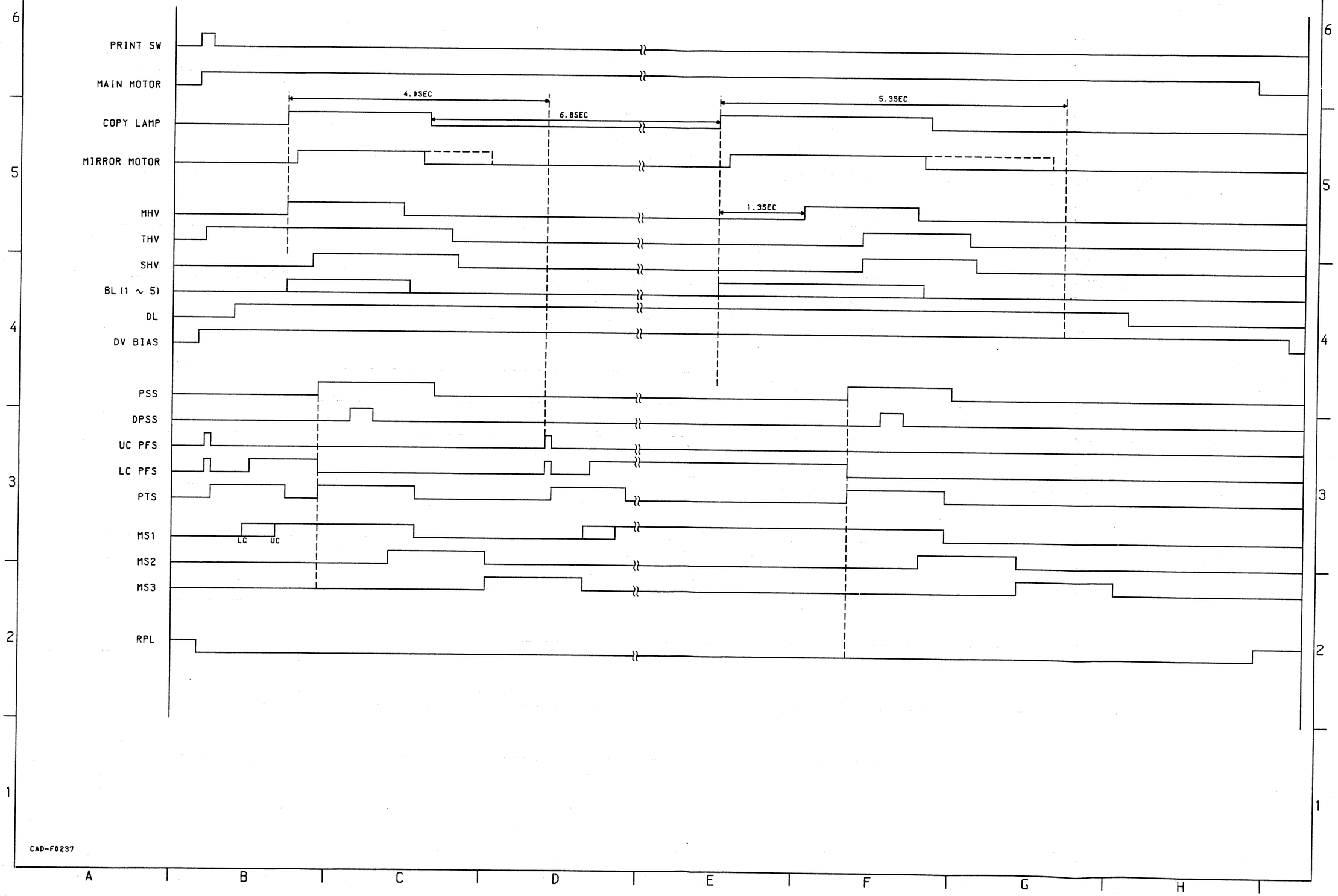


〔14〕 タイムチャート-6 (A3、17″×14″コピー)
〔14〕 TIME CHART-6 (A3, 17″×14″ Copy)



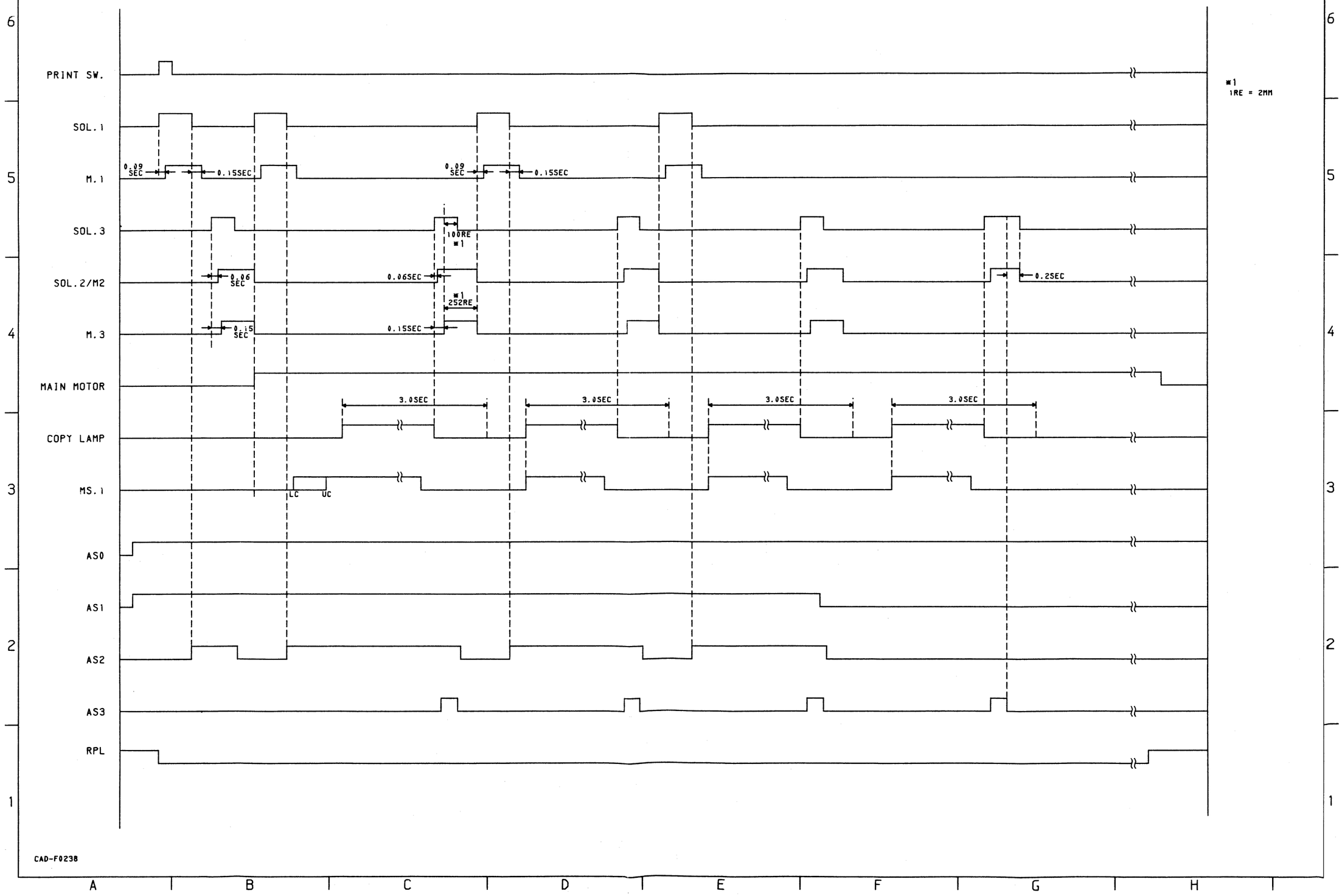
〔14〕 タイムチャート-7 (A4、11″×8½″DPCMコピー)

〔14〕 TIME CHART-7 (A4, 11″×8½″ DPCM Copy)



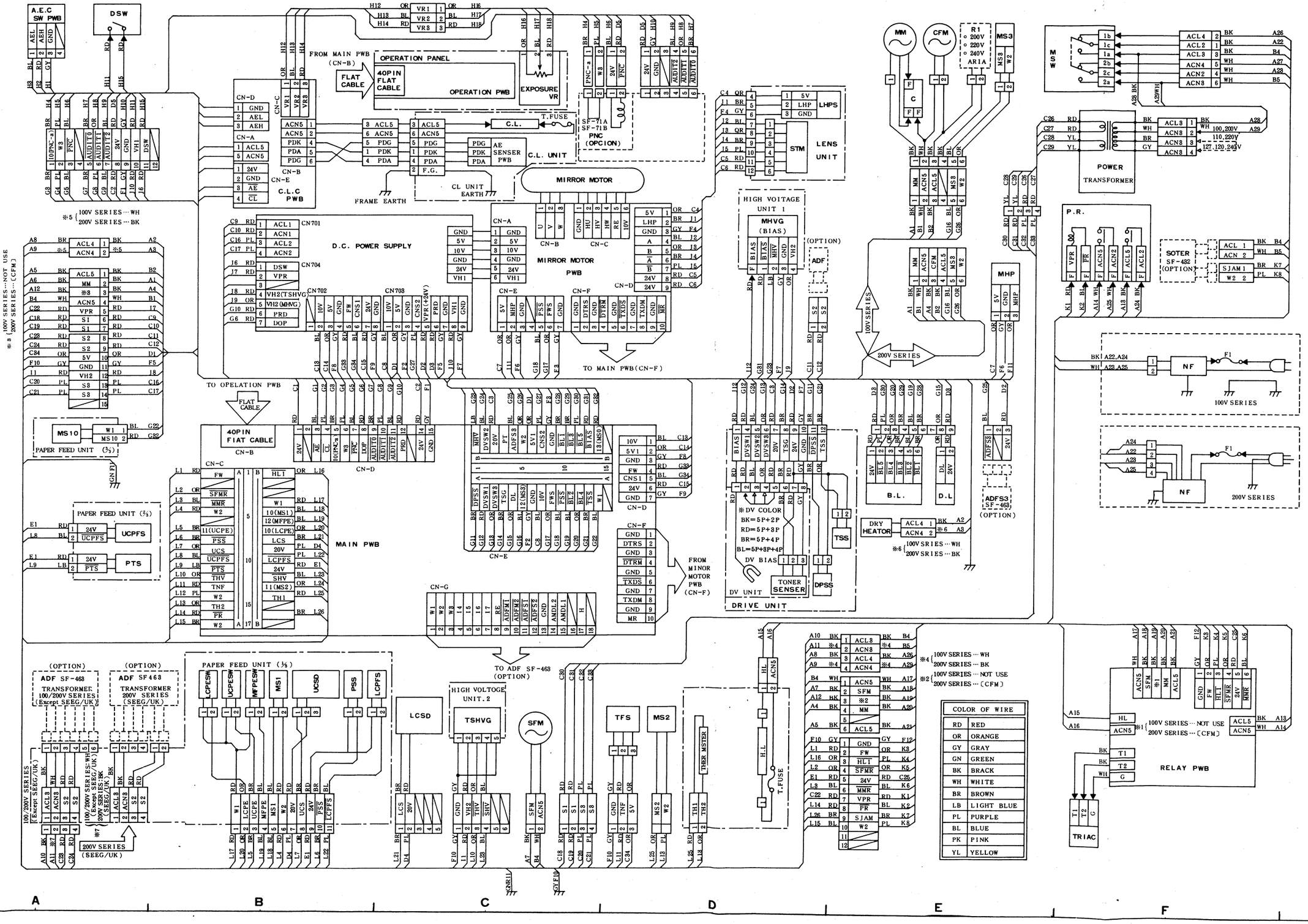
〔14〕 タイムチャート-8 (A4、11″×8½″ADF (SF463) コピー)

〔14〕 TIME CHART-8 (A4, 11″×8½″ ADF(SF463) Copy)



〔15〕 実体配線図-1

〔15〕 ACTUAL WIRING CHART-1



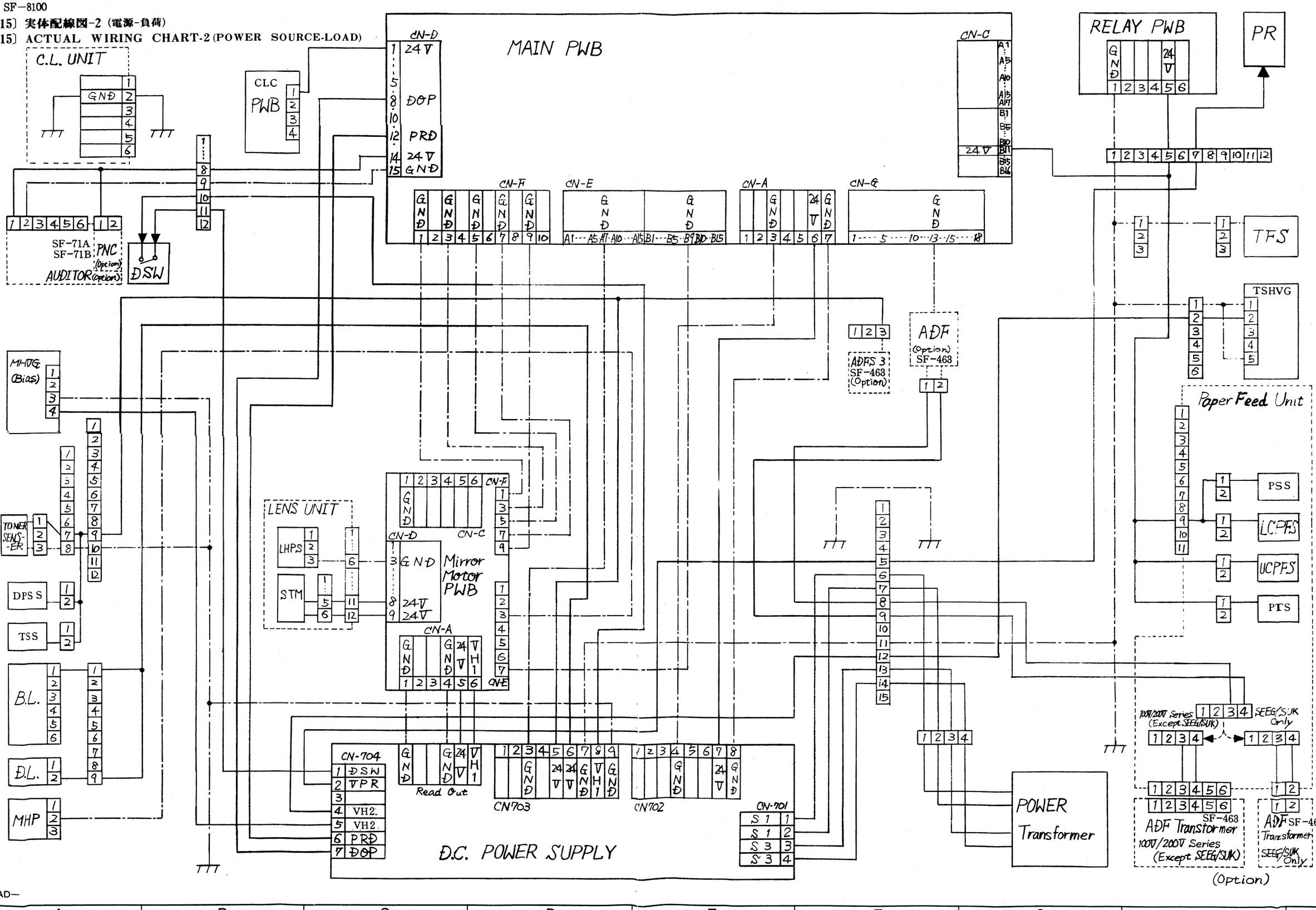
A　B　C　D　E　F　G

1　2　3　4

SF−8100

〔15〕 実体配線図−2 (電源−負荷)

〔15〕 ACTUAL WIRING CHART-2 (POWER SOURCE-LOAD)



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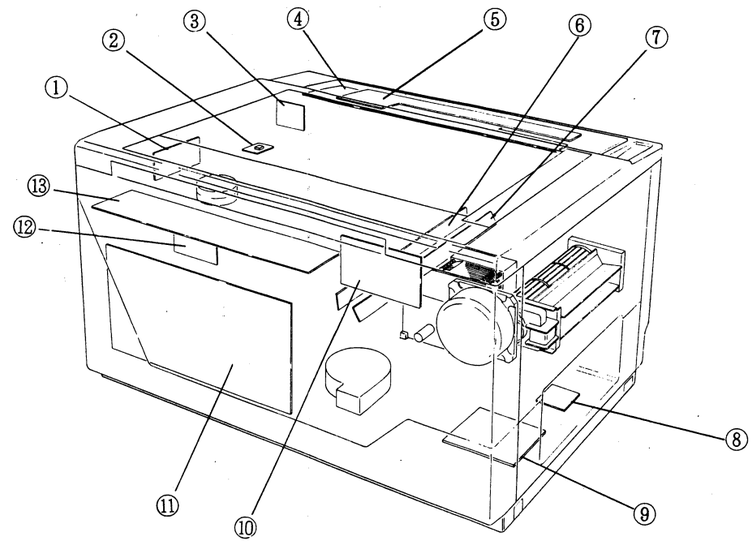
〔16〕 基板一覧表
〔16〕 P.W.B. UNIT TABLE.



No.		100V 50Hz(Japan)	100V 60Hz(Japan)	100/110 50Hz	100/110V 60Hz	120V 60Hz	127V 60Hz	200V series 50Hz (Except SEEG)	200V series 60Hz	220V 50Hz (SEEG)	AB series	Inch series
1	CLC P.W.B CLC P.W.B	CPWBF0535FC51	CPWBF0535FC52	CPWBF0535FC53	CPWBF0535FC54	CPWBF0535FC55	←	CPWBF0535FC56	CPWBF053FC57	CPWBF0535FC56	—	—
2	AEセンサーP.W.B AE sensor P.W.B	CPWBF0541FC51	←	←	←	←	←	←	←	←	—	—
3	AE補正SW P.W.B AE correction switch P.W.B	CPWBF0559FC51	←	←	←	←	←	←	←	←	—	—
4	表示P.W.B Display P.W.B	CPWBF0533FC51	←	CPWBF0533FC52	←	←	←	←	←	←	—	—
5	操作P.W.B Operation P.W.B	CPWBF0534FC51	←	←	←	←	←	←	←	←	—	—
6	ブランクランプP.W.B Blank lamp P.W.B	—	—	—	—	—	—	—	—	—	CPWBF0543FC51	CPWBF0544FC51
7	除電ランプP.W.B Dischargc lamp P.W.B	CPWBF0545FC51	←	←	←	←	←	←	←	←	—	—
8	ノイズフィルターP.W.B Noise filter P.W.B	CPWBF0539FC51	←	←	←	CPWBF0539FC52	←	←	←	←	—	—
9	リレーP.W.B Relay P.W.B	CPWBF0537FC51	←	←	←	←	←	CPWBF0537FC52	←	←	—	—
10	ミラーモーターコントロールP.W.B Mirror motor control P.W.B	CPWBN0538FC31	←	←	←	←	←	←	←	←	—	—
11	メインP.W.B Main P.W.B	CPWBN0532FC51	←	←	←	←	←	←	←	←	—	—
12	MHVG/バイアスP.W.B MHVG/Bios P.W.B	RTRNZ0355FCZZ	←	←	←	←	←	←	←	←	—	—
13	DC電源P.W.B DC power supply P.W.B	CPWBF0536FC31	←	←	←	←	←	CPWBF0536FC32	←	←	—	—

[redacted]
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１９８６年６月Ⓢ

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